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<210> 1547

<211> 1838

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AF004709

<400> 1547

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[illegible]

<211> 1433

<213> Homo sapiens

<223> Genbank Accession No. AF005039

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<211> 865

<213> Homo sapiens

<223> Genbank Accession No. AF006041

<400> 1549

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865

<210> 1550

<211> 7586

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AF007216

<400> 1550

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<210> 1551

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C00021

<220>

<221> unsure

<222> (1)..(348)

<223> n = a or c or g or t

<400> 1551

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<211> 369

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. C00358

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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C00808

<220>
 <221> unsure
 <222> (1) .. (307)
 <223> n = a or c or g or t

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<210> 1554
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01257

<220>
 <221> unsure
 <222> (1) .. (359)
 <223> n = a or c or g or t

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<210> 1555
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C01286

<220>

<221> unsure
<222> (1)..(387)
<223> n = a or c or g or t

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<210> 1556
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C01409

<220>
<221> unsure
<222> (1)..(283)
<223> n = a or c or g or t

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<210> 1557
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C01686

<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t

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<210> 1558
<211> 316
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C01721

<220>
<221> unsure
<222> (1)..(316)
<223> n = a or c or g or t

<400> 1558
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<210> 1559
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C01766

<220>
<221> unsure
<222> (1)..(345)
<223> n = a or c or g or t

<400> 1559
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<210> 1560
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C02099

<220>
<221> unsure
<222> (1)..(260)
<223> n = a or c or g or t

<400> 1560
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<210> 1561
<211> 388
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. C02386

<400> 1561

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tttttgattt attataaatg aatgttgtcc ctgaacttag ctaaatgggtg caacttagtt 300
tctccttgct ttcataattat cgaatttcct ggcttataaa ctttttaaat tacatttgaa 360
atataaacca aatgaaatat tttactgt 388
```

<210> 1562

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C02460

<220>

<221> unsure

<222> (1)..(351)

<223> n = a or c or g or t

<400> 1562

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gatctgaaga agctgaagaa anacaggaca gtgagaaacc acttttagaa ctatgagtag 60
tacttttggt aaatgtgaaa aaccctcaca gaaagtcac gaggcacaaa gaggcaggca 120
gtggagtcctn cntgtcgaca gttaaagttga aatggtgacc gtcnactgct ggctttattg 180
aaccanntaa taaagattta ttnattgtaa tacctnacag ccgttgcacc atatccatgc 240
acatttagtt gcttgccgtg ggctggtaag gtaatgtcat gattcatcct ctnttcagt 300
agactgagcc tngatgtgtt aacaaaatag gtgaaggaaa gtctttgtgc t 351
```

<210> 1563

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C02532

<400> 1563

```
gatcagggt gatattcacc tgggatagac agtattggtg aactactcat ttactacagt 60
gtctcagcct tgataaaggg cagtggattg cctgttggtc ggtgttggtga atagcacctc 120
tgaataagat tagagtgtt cttaattcat ttcaaactct aaaattagat taatgggtgg 180
gctaagaaag agtattaatt actttgggaa tggtcaaaat taacattaaa aacatttttag 240
acaaaaagtt tcattgtaca ttcaaagaaa atgtaagttt ggaagtacta aaagactatt 300
ttatacttgt tgattaatcg c 321
```

<210> 1564

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C13992

<400> 1564

```
agggvtcagt tccmgygat tttatttccy yctcaaaaaa agktattttac agaaggtata 60
tatcaacaat ctgacaggca gtggaacttg acatgattag ctggcatgat tttbyctttt 120
ttttccccc aacattgttt ttgkggcctt gkaattttta gwcaaatatt ctamacggba 180
tattgyacag grtkgttggs aaaaaaakt waaaacaaam ccttaacgga cctgcctcaa 240
```


acsgkcagac gkcctawktg cctbtc

266

<210> 1565
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C14051

<220>
<221> unsure
<222> (1)..(324)
<223> n = a or c or g or t

<400> 1565
ccccaataca atcaatcacc tttattcccg gttagaacac gcccggtgcac actgcagaca 60
gaagagcaca agwtcsgggc aatctcacag caatatacgg cgcsggbggg cagggttagtc 120
tttttmgatt atttcscctt acagagaaac tactagactc ygcyygaaaa gaaccccygc 180
tctcttctcc catttnttcc atagaacggc tccttattct ctctctcact ctaaygtaac 240
atatcccaac cgsacggaca gttcatgtct attccccca cccaattcta cagctatctc 300
tctcttctta cgsagagaagc cagm 324

<210> 1566
<211> 304
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C14098

<220>
<221> unsure
<222> (1)..(304)
<223> n = a or c or g or t

<400> 1566
ccsgaatkag aaataacttt atttmatygc dgggagcggg ccgatgttca gcytcagaac 60
ttcyggawct gcttcttcgg tgccggaagy cytcggtgac cttgagaacg ttgaagcgca 120
cwtgtamttg ctmagacggc cggmacatcg cccacatgtg acgatgtcac acgagtcaag 180
kgagcgannc ctgaacgcac ggggggamac ggatrtacay gacatgttct cgcgsgcgck 240
ttctcgaamg cgcgttgtac tccgcgsgat gatagatgac agatagmtct cgcgsgsgac 300
tgsa 304

<210> 1567
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C14228

<400> 1567
taaccttctt taatttaatg gacctttact tagaatataa tatgttgagg cctcttgagg 60
ccaaccgatg agcgacagtt tcatgttttag atttgatttg tttctctgtc caagtcctta 120
ttctctatct tgtggggagg ggtgacaggg gagggtttta ctttttttgc aaaaatgttt 180
gaaaatatct gtcagatgtt atattcggtt gttataataa acttattttt aaagtaaaaa 240
aaaaaaaaaa aactyggggg gggggccggg acccaattcg ccctatagtg agkcg 295

<210> 1568
<211> 359

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. C14348

<400> 1568

```
gcagccacag aagatTTTTT attgttgTtt taagaactcc ctagcccccA aatcaacaaa 60
tcattgtcagg taaatataaa tatttttagcc aaccagtggc tctcgctga aatcccaatg 120
ctttgggagg ccaaggtgga agghtcacat gaggccaagt gttcaagtct acactgtgga 180
gggcacaagc tgtgggaggg cctggaagac agccctcaga gattctccca gtcctgccac 240
cctgtgggag acactttctaa ggaatcgtaa actcatgtga ccagcaggga ggacaccgat 300
gaagaaactt tcctgcctaa aatcagctgc tgtccagagt tagcacctgg gaggagaca 359
```

<210> 1569

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14412

<400> 1569

```
aaagaagaaa caaggacatg accaammggc tgctgccaaa gctgccttaa tatatacctg 60
cactgtctgt aggacacaaa tgccagaccc taagaccttc aagcagcact ttgagagcaa 120
gcaccctaag actccacttc ctccagaatt agctgatgtt caggcataag gttgtttaca 180
ggtgaattca tgacaccttt gactcttcta ctgtctcaga ccttaggtaa catacctgca 240
gctgcttttc taacaaactg ttgatcagca aaaataaagg ggctacagaa acactcattt 300
ttatgctgtt cctctctggg cttcatgcaa agacaattct gtgtaaatgt acagttgact 360
ctgatttgga aatatgaaaa tcagtccatc cttgttataa aaaatttttt tacaattgta 420
attatattga tgttcatatt gtgtaaaata actcatttaa taaaatagta ctttgdtttw 480
cggcat 486
```

<210> 1570

<211> 312

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14756

<400> 1570

```
caagtttata gtctaaattt tattatcycc aagtcacaat gctgaycama aatgggcacc 60
ctttaaaaca gtaacaaaaa acaccaccac acatggraaa wtccttgcaa ctaaacamag 120
kggscacaag gggacaacty tcacagkgtt ttarggtctg ggaatctggg catgctgccc 180
acaggcttgg ggggacatct tcagggttaa ggcaaaggga ccagcctaca aarggcacaa 240
ccaccagytw ccctaggaa gaatctctta gttattyccc ccttgggggg ttamagatta 300
agkgcctcty cc 312
```

<210> 1571

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C14835

<220>

<221> unsure

<222> (1)..(353)

<223> n = a or c or g or t

<400> 1571
 gmagtaattt aatttaataa aataaaaatta tannvncaaa aagttacatt tytaaagtac 60
 caaaacctgc aacaggctca tggaacagag cctagggatc caggdgcata ggtaggtggt 120
 ggtgytgggc aggytctgy atcccccttc ctcagcacag caccatcttc accctcctgg 180
 gaaagcagca ttggdgccta caccgbttgt gcttttctca ccagggttaag rvatgcaggt 240
 wtttgcagag gggagtgagt ctggaggtgg cagrgcacag ctagggaag acttaaggga 300
 acttgtggga agagtaactg gaacctacct atgctctctt gacccaaact ccc 353

<210> 1572
 <211> 310
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C14963

<400> 1572
 gaaagattat ttagtccttt aatgtattaa aatagtagtg agaaaatsts cccttgaaat 60
 atagactctg aagtacaatt taaaaaatta aaactgattt gatatgatta attcaaactg 120
 cggttgaatt gcaaggggac agctcagaag ttcataaaaag tttcaaatta gtcacatttg 180
 ttgaaaaaaa aaamcataaa tgcaggbgcc tgcaatgttt acattgtgtc agatatttca 240
 gagccatgta taatgttgtc ttgaaatcct aaacacttag ttttttaaaa catttctggt 300
 tactgrggrg 310

<210> 1573
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15078

<220>
 <221> unsure
 <222> (1) .. (308)
 <223> n = a or c or g or t

<400> 1573
 agaaagccaa gbtcttttat taaagggtccc gactgggtttt cccactgtat ttccatgccca 60
 gccagggnva gggacagcct ctcgggaggt accgggtggc tgggcctggg gccggtagca 120
 cagcgcttaa cggtatctgc ctgctccact ccasggggcc agagcaccag cacgatgccg 180
 cccsactcgg ctctgcgng gccctktgg gcctkccctt cctttagctc cagctgytgc 240
 ccggggmatc cccgstcatt cccgctgsga gtccggggtt gctatctaag gbctccccc 300
 gtbbhcac 308

<210> 1574
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15324

<220>
 <221> unsure
 <222> (1) .. (297)
 <223> n = a or c or g or t

<400> 1574
 agggttcagt tccagctgat tttatttcct tctcaaaaaa agttatttac agarggtata 60

tatcaacaat ctgacaggca gtgaacttga catgdttagc tggcatgatt tnnncttttt 120
 tntcccccaa amattgtttt tgkggccttg aattttargr caaatwttt acasggsata 180
 ttgcacaggg tgggtggcaa aaaaaagttt aaaaacaaaa acccttavsg grmcycgctt 240
 aaaaaggvag acgkcctagk gccygtcatg ttatattamm catacataca cacaatc 297

<210> 1575
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15871

<400> 1575
 gtcacccagg ctggagtgca gtggcgcagg ctcggctcac tgcacctccg cctcccagga 60
 tcaagcgatt ctcttgctc agcctcctga gtagctggga ttacaggcat gctccaccat 120
 gcccggttaa tttttgtatt tttagtagag acaggggttc accgtgttg ccaggctggg 180
 ctggaactcc tgaccttgat atccacccgc cttggcctcc cagagtgtctg tgattacagc 240
 tgtwagcct ccgtgcccag ggcagtgttc tctcttaa atgtgttcaat atgggtggaca 300
 tttattgagc acttggttg ggcgtttcaa caggaggcac tggtagcaaa agtagcttgt 360
 tctagttcat atatcatttt gcacttt 387

<210> 1576
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C16420

<400> 1576
 tgacacatct gttcaataaa taaagagctt aaatatacaa aacataagaa atctgggcaa 60
 caaaacttgt ggtctttact tttgaatagc tacccaagaa aagggtttta aggtaaaagt 120
 tatgagtaat gtcatacaaa taagctcttg ttttaacattc tttctttta tgtataatta 180
 ggtttatgtt tcatgtcttt ttaaaacctt ataaaagatt tamttatcac atctattctt 240
 caatgtggaa atattaaata ttgttggttg taaaataata tttatgtact acttgtgtct 300
 g 301

<210> 1577
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C18029

<400> 1577
 aagaaaaaga agaaagacac aaagaaaata atctaaacac caaaaactaa acacaattcc 60
 aatccttttt ctgtacctca cgcgcataaa tttgctgtct ctattttttt ttctgtttat 120
 gtgtttttat ggatctaagt taaatctttt ggcaatatat aaaaatgtaa atagtaaact 180
 ttattttatta agaatgtcat cttttttta tttatattac acaattgttc atctaattta 240
 ttttttctat acagttttta atactcagac atatttttgc gttcatgata tttttatcct 300
 gttctcatgg atttgttttc ccatactgtt ttctctgata tcaattacag gttggatctc 360
 acaaataata atgtcagaga cagaaatatt ttgccactgt tgattactat actttaaagt 420
 tctatattat gaaaatatat aatagcttgt acgctt 456

<210> 1578
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. C20653

<220>
<221> unsure
<222> (1)..(280)
<223> n = a or c or g or t

<400> 1578
gatctaattg tgaaatcggt caccttggtta aacatctaag taagtctgta gtcgctctgc 60
aaacagccat tatattttatt tactctagaa gaaactgtag agtagtaatt cgtgctaatt 120
agaaaaacaa aataccatgt tcaaaacaga tgtatttgaa aacttaatga catgggtcca 180
aaaactagag catgtatgta tgctgtgcat catctcagca gacctaaaat atccccaagt 240
tgtcccttta cagccatcaa tatatttnac actctgcggc 280

<210> 1579
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C20810

<220>
<221> unsure
<222> (1)..(345)
<223> n = a or c or g or t

<400> 1579
gatccggaac ccacttttta ttcactcccc atgtcttttg ccttcctctt ctttctcttt 60
ccctctgcca tcttgacact gatagtttgt catataaatt ccacagggtg tgtttttttt 120
tctagaaaaa aattaaaagg gaaaacaaaa ccaaaaaaac cagaaaccac gaataagaat 180
ggaaatgaca atggctgcct gtcatttttc tgtcacgntt ttcttgattt ggtttggtcc 240
ctttgtctca gagaagcagg agatgttgat gagggctctc ttcagggagc agcccattha 300
ggtctctttt gttgttttgt agggagaata cacatctttc ttngg 345

<210> 1580
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. C20911

<220>
<221> unsure
<222> (1)..(355)
<223> n = a or c or g or t

<400> 1580
gatcngttca gccctgaaaa gtccaaactc ccagggtattg ttgcagaagg ncgagatgac 60
ctctataaat cagatgcatt ccataaggca tttnttgagg taaatgaaga aggcagtga 120
gcagctgcaa gtaccgctgt tgtgattgct ggccgttcgc taaaccccaa caggggtgact 180
ttcaaggccn ccnggcttna aaaagttttt ataagagaag ttctcttgaa cactattatc 240
ttcatgggca gagtagccaa cccttggtgt aagtaaaatg ttcttattct ttgcacctct 300
tcctattttt ggtttgtgaa cagaagtaaa aataaatata aactnntnnc atctc 355

<210> 1581
<211> 292
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. C20974

<400> 1581

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gatctatgcc agcaaaacat cattttgaga caaacatttt tgtggcagat gtttttccta 60
aaaagtacta tatcatccaa gaaatatttg agtaaaatcc cttgttcttt tgggtgacat 120
taactgacat ttgctttttt tcaagaccta atagaaaata agaaagccca taatgtattt 180
agaaacagga atcctcagag caattctctg tattctcata taatttcaat gtaaaacaga 240
aaacatattg atgtgttggt gataggcttg aattattaaa aacttcaaaa ac 292
```

<210> 1582

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C20982

<400> 1582

```
gacccatagt ttttaattac ctgtgtgcag ctattttaaa tagcatttta cttgaataat 60
atgtatgttg tcattgtttc atgctatact ttgtgggata aaacttggga atgagtgtgg 120
taagaaattt ataaaagttt gcttttataaa cgtggacata actcattttt ctagtttttg 180
acaattgtgt gtttttagtg ctagtctgca gagagctgtg tgattaataa acgtggaatt 240
aacagaattt cctctccctg t 261
```

<210> 1583

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C21130

<220>

<221> unsure

<222> (1)..(262)

<223> n = a or c or g or t

<400> 1583

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gatctatcta aatatattaa gtaaaattac accattcact tgttgggaaa ataattctttg 60
gtttggaaga tattaacata atgggcatct tagaatcata aatcacatga aatgagagac 120
aatgcaatat tgtataattc ctggatgatg caattgtttt aattganttt tcaagtgcc 180
ttataaaagt ttaaaaatta tcaatatgag ttggtgccta atttttnttt tcctaaaaat 240
aaaatttttc ctttttatga gt 262
```

<210> 1584

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C21238

<220>

<221> unsure

<222> (1)..(278)

<223> n = a or c or g or t

<400> 1584

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gatcagagaa gctaggagag ctccagcagg ggcacagagg attggngca ggaggagtct 60
```

ggaacacagc cttcatgccc cctgacccca ggccgaccct cccacacccc tagggtaccc 120
 cagtcgtatc ctctgtccgc atgtgtggcc aggtctgaca aacacctgta gatgactgnt 180
 ggccnaacct gggncctgnn caggagggtg gagcagnaag ggctctccct aggggtggtg 240
 tntctctctt aggggtattgg gntgcatgtn ntgcactn 278

<210> 1585
 <211> 226
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C21248

<400> 1585
 gatccttgac gaggagagag agcttgaaaa gctgttttcag ctggggcccg cttcacctgt 60
 gaagatgccc tctccaccat gggaatccaa tctgttgacag tctccttcaa gcattctgtc 120
 gaccctggat gttgaattgc cacctgtttg ctgtgacata gatatttaaa tttcttagtg 180
 cttcagagtt tgtgtgtatt tgtattaata aagcattctt taacag 226

<210> 1586
 <211> 2011
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D00003

<400> 1586
 gcaagagcaa aagagctgaa aggaagactc agaggagaga gataagtaag gaaagtagtg 60
 atggctctca tcccagactt ggccatggaa acctggcttc tcctggctgt cagcctgggtg 120
 ctctctatc tatatggaac ccattcacat ggacttttta agaagcttgg aattccaggg 180
 cccacacctc tgcctttttt gggaaatatt ttgtcctacc ataagggtct ttgtatgttt 240
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 gtgctggcta tcacagatcc tgacatgatc aaactagtgc tagtgaaaga atgttattct 360
 gtcttcacaa accgcgagcc ttttggtcca gtgggattta tgaaaagtgc catctctata 420
 gctgaggatg aagaatggaa gagattacga tcattgctgt ctccaacctt caccagtga 480
 aaactcaagg agatggtccc tatcattgccc cagtatggag atgtgttggg gagaaatctg 540
 aggcgggaac gagagacagg caagcctgtc accttgaaa acgtctttgg gcctacagc 600
 atggatgtga tccactagctc atcatttgga gtgaacgtcg actctctcaa caatccacag 660
 gacccccctg tggaaaacac caagaagctt ttaagatttg attttttgga tccattcttt 720
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 aattcaaaaag aaactgagtc ccacaaagct ctgtccgatc tggagctcgt ggcccaatca 960
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 cgggactatt tccaccaccc ccagtttagca ccattaactc ctctgagct ctgataagag 1860
 aatcaacatt tctcaataat ttctccaca aattattaat gaaaataaga attattttga 1920
 tggctctaac aatgacattt atatcacatg ttttctctgg agtattctat aagtttttat 1980

ttaaatacaat aaagaccact ttacaaaagt a

2011

<210> 1587

<211> 1362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D00017

<400> 1587

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catttgggga cgtctcagc tctcggcgca cggcccagct tccttcaaaa tgtctactgt 60
tcacgaaatc ctgtgcaagc tcagcttgga gggatgatcac tctacacccc caagtgcata 120
tgggtctgtc aaagcctata ctaactttga tgctgagcgg gatgctttga acattgaaac 180
agccatcaag accaaagggtg tggatgaggt caccattgtc aacattttga ccaaccgcag 240
caatgcacag agacaggata ttgccttcgc ctaccagaga aggacaaaaa aggaacttgc 300
atcagcactg aagtcagcct tatctggcca cctggagacg gtgattttgg gcctattgaa 360
gacacctgct cagtatgacg cttctgagct aaaagcttcc atgaaggggc tgggaaccga 420
cgaggactct ctcattgaga tcatctgctc cagaaccaac caggagctgc aggaaattaa 480
cagagtctac aaggaaatgt acaagactga tctggagaag gacattattt cggacacatc 540
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tgtcattgat tatgaactga ttgaccaaga tgctcgggat ctctatgacg ctggagtga 660
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 <212> DNA
 <213> Homo sapiens

<220>
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 <211> 1192
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D00723

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D10040

<400> 1593

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<210> 1596
<211> 123
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D11756

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aaa 123

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<210> 1597
<211> 494
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D11802

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<220>
<221> unsure
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<223> n = a or c or g or t

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<210> 1598
<211> 156
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. D11835

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<220>
<221> unsure
<222> (1)..(156)
<223> n = a or c or g or t

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<210> 1601

<211> 2073

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D12620

<400> 1601

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2073

<210> 1602

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D13243

<400> 1602

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<220>
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<212> DNA

<213> Homo sapiens

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<212> DNA
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<213> Homo sapiens

<220>

<223> Genbank Accession No. D14686

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<213> Homo sapiens

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<210> 1621

<211> 1991

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D16481

<400> 1621

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<211> 3085

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D16626

<400> 1622

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<213> Homo sapiens

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<220>
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<210> 1625
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<212> DNA
<213> Homo sapiens

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<220>
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145

<210> 1626

<211> 161

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D20899

<400> 1626

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<211> 152

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D20906

<220>

<221> unsure

<222> (1) .. (152)

<223> n = a or c or g or t

<400> 1627

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<210> 1628

<211> 3406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D21063

<400> 1628

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 <212> DNA
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<220>
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<210> 1634

<211> 108

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D25560

<400> 1634

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<211> 1620

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D26129

<400> 1635

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<210> 1636

<211> 1929

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D28124

<400> 1636

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<210> 1637

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D28589

<400> 1637

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<210> 1638

<211> 328

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D30946

<220>

<221> unsure

<222> (1) .. (328)

<223> n = a or c or g or t

<400> 1638

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<210> 1639
<211> 350
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31094

<220>
<221> unsure
<222> (1)..(350)
<223> n = a or c or g or t

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ttgagtaaag aagcgggctt ttgccatggt gtccaggctg gtctctactt 350

<210> 1640
<211> 311
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31117

<220>
<221> unsure
<222> (1)..(311)
<223> n = a or c or g or t

<400> 1640
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cttacacatt c 311

<210> 1641
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31225

<220>
<221> unsure
<222> (1)..(360)
<223> n = a or c or g or t

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tcaaattctc ccaagctgct gcacgtgctg agtccagagg cagtcacaga gacctctggc 300
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<210> 1642
<211> 281
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31289

<400> 1642
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<210> 1643
<211> 311
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31294

<220>
<221> unsure
<222> (1) .. (311)
<223> n = a or c or g or t

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<210> 1644
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31381

<220>
<221> unsure
<222> (1) .. (332)
<223> n = a or c or g or t

<400> 1644
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<210> 1645
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31417

<220>
<221> unsure
<222> (1)..(321)
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gcccggagaa ttctcaatga g 321

<210> 1646
<211> 3687
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D31628

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<212> DNA
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<223> Genbank Accession No. D38583

<400> 1656

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<210> 1657

<211> 4664

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<220>

<223> Genbank Accession No. D42040

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D42085

<400> 1658

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<210> 1659

<211> 3186

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D43949

<400> 1659

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<211> 1938

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D43950

<400> 1660

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<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D45288

<400> 1661

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<211> 268

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<223> Genbank Accession No. D45529

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<400> 1662

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<210> 1663

<211> 232

<212> DNA

<213> Homo sapiens

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<221> unsure

<222> (1)..(232)

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<400> 1663

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<210> 1664

<211> 109

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D45714

<400> 1664

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<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D49357

<400> 1665

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<211> 966
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D49387
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<210> 1667
<211> 680
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D49400
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581

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<210> 1668

<211> 3008

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D49742

<400> 1668

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<210> 1669

<211> 1747

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D50312

<400> 1669

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<210> 1670

<211> 1635

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D50582

<400> 1670

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<210> 1673

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D50914

<400> 1673

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ttaccctg						2108

<210> 1674

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D51072

 $\langle 220 \rangle$

<221> unsure

 $\langle 222 \rangle \quad (1) \dots (401)$

<223> n = a or c or q or t

<400> 1674

aacatgttta	attttaagaa	tagagataat	ggtcaactct	tgagaagaac	caaatgctg	60
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gatttcttct	gcaagcccca	ggcagtccag	gatgctgttc	ttttcagcag	ccagttcctt	180
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cttattcact	cnnacatttg	gcacattctc	caaggaccca	gacttgaaat	ggaannnaaa	300
tatctgtttc	gttttagacc	aggccttttt	cttcaatcca	tgacagtgga	cttttcttct	360
ctgtctccag	acacacttca	ttttmawata	cttcagctcct	t		401

<210> 1675

<211> 509

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<223> Genbank Accession No. D51112

<400> 1675

cs9cagttca	ttttctttat	tttttcacam	gcttygaatt	cmgaaataag	agccacaaca	60
cgtysgttgt	taagtaaaaa	cbggrgtgat	tacaamggaa	aactttgtac	aaaactttta	120
aaatctgact	gccccgtcaa	ctgcctcagc	gggaccargr	ctcagggcac	gsaggggacg	180
ccatcagccc	cccatcgta	gccccgaayb	gggatgggga	gacctcttty	tgagtgtgaa	240
ccyggstcgg	sctgaagcct	agagctggct	tgaagaacac	acacagacca	gaagacagca	300
cggtgagtta	caagtgccac	ggagaccagg	gtttctgaca	caggatgtgg	aggatgcttc	360
ctctgaacct	agtgcgaagg	ttccccctgcc	attccgagaa	ttcacggatc	tcacaggbgg	420
aggtggggcg	agcttctttc	tagtctggac	cagaggyggg	gggcaatgag	taaacatctt	480
cactgtgaggg	tttygggctg	ccctcagggg				500

<210> 1676

<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51133

<220>
<221> unsure
<222> (1) .. (336)
<223> n = a or c or g or t

<400> 1676
ctgacagcaa tagattnnta agtatccccg aaaatataaa cacaaaccag taaaaaacia 60
aaccgtaaaa cgtcaggcct ggagctgcaa taagacagag acaggagcag ctcacacgbg 120
gcctaggtgg ggaggacgag gccataaata ctgcaggagg gcggcaaggg agcccyaggg 180
cgaggggaaa gcagggtgtc ggcagcaaga tggctccggg ggttttagaca ctgctggctt 240
cggcccggcg ccacctgcct ctcaactccag ctgcgagcag cttcactygg ggccctgggct 300
ccgactcctc ctgcgtcgtct tcgtacatct cgccct 336

<210> 1677
<211> 496
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51199

<220>
<221> unsure
<222> (1) .. (496)
<223> n = a or c or g or t

<400> 1677
cccyccctta aaggmcttta tttctctatt tttatatggh tcatttatta wwttagaaga 60
ctaaaaagta aaawtatatt nnvcaatcaa agaaaaatct ggacaatgga ccccgagtaa 120
ataatcagaa gcgcacgttc tgagaccact cctgcctggc accctgcagg gtagcgccca 180
gggrgcatct kttkdkkgga gabgdgagga gggggagcct ccggcgacct gtcttctatc 240
tccggagccc cgctgaggc tccaagatgg macagtcagg ctgtccttag tgaccgctgc 300
cacggagctg gcgatcgcc tgcattctta aaccagagg caggagcagc agaggctggc 360
aaggcctggg ccctcagaca ccaggggcct aaaccagct cccaaaccca ctgcagcctc 420
cccttgtagg ctggmagaca agcctgcctt ctgrgtgtga cgccccatcc acacctgaca 480
magggggggg sggggg 496

<210> 1678
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51276

<400> 1678
aacagcacyg tgcagtttta ttaaccattc acgtccagta gcatccggta agatygggac 60
agaatyggg ttgaaaagtg aacagatatt cagcatctaa cagttcaaam gacgccacta 120
catactcttt tcacaaatmc gttttcacag agccaataca gtactmgcca ttaacccmgt 180
acaccacgyg tactgacgta gaaamgatgc aacacgaaaa atagctacat tmgaamgacc 240
aacactttmg aaaacgvgtg aaacactttc cgtttctccc ctttcgccc taaaacaaca 300
tcttacagyc ygg 313

<210> 1679

<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51279

<220>
<221> unsure
<222> (1)..(288)
<223> n = a or c or g or t

<400> 1679
gcttttttaaa tngcttttatt agcttttaaat ttyyccatgc aaatsgggtga actactgctg 60
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cacttgacac atggaaataa cataggggttc acagcaaacg gatcagtaaa ggcatattag 180
graaatgcaa ggaaaaagaa aacagcggga atcacagtat taatctcatg ataaatggca 240
ggggtcaagg cataaggcaa awttcatcat gatgggtcatg gtgwtttag 288

<210> 1680
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51287

<400> 1680
raatgkvagc caaagwttta tttcttmatt tcttgcatth gaaatactct tcaatgmcat 60
ccttggcctg rgmctccttg ccatagtcct taactaytac amaactgaaa ccaaccactt 120
tasgggggtt cccctcyctg ycaattttac aaaggcctac ccattctcct agtttcttgt 180
tgtcatcaac ottawttagg ttgwtttggt gttcagcama aagggcctcc accaacttga 240
catacatagg ytcatacacag ttggatgmaa gcacacaaaag atgggcttgg cgcttcccaa 300
ggctttggca gttcgsaat tccacgtgct aggccatcgt ggatgagggc ascct 355

<210> 1681
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D51393

<220>
<221> unsure
<222> (1)..(229)
<223> n = a or c or g or t

<400> 1681
ctcactgcct gtataatcms gtctttattc aaaagamgct gtccaaaatg atttgacctt 60
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cttctctgcm ggcttctttt cmggggctgg tttcttggtg gctgctgcct ttwwtccac 180
cagmvscctt ttcygttct taacaccaac agcagcctcy ntcctktct 229

<210> 1682
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D52097

<220>

<223> Genbank Accession No. D55716

<400> 1686

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gacgtttcgc gccaatcttcg gttggccggc cacagtcac cgcgcggaga ttctcagctt 60
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cactgaagga ctacgcgcta gagaaggaaa aggttaagaa gttcttacia gagttctacc 180
aggatgatga actcgggaag aagcagttca agtatggaa ccagttgggt cggctggctc 240
atcgggaaca ggtggctctg tatgtggacc tggacgacgt agccgaggat gaccccgagt 300
tggtaggactc aatttgtag aatgccaggc gctacgcgaa gctctttgct gatgccgtac 360
aagagctgct gcctcagtac aaggagaggg aagtggtaaa taaagatgtc ctggacgttt 420
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cccagaacca gtacctgct gaactcatgc gcagatttga gctgtatttt caaggcccta 540
gcagcagcaa gcctcgtgtg atccgggaag tgcgggctga ctctgtgggg aagttggtaa 600
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acattgtga ccagtggtgg gcagagacct accagccgat ccagtctccc actttcatgc 720
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```

<210> 1687

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D56989

<400> 1687

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ctaaatgctt taatttyts tcacaaatat ttctgcatct ctcagtcctt tottggttga 60
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gaggtaacac tgtacttcty aggtatgtya ataatamty mmggttataa tgggtgccat 180
attagagaaa atgaataagc attagtctca gcaaaaacaa aaattagttt ggmagtagat 240
aagctagaca tatcamamct gcaaaammmt agcttcccag atagcgcttc tactatgctg 300

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camwtycc

308

<210> 1688

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D57317

<400> 1688

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aagattgtat tacttgattt tattttacac taggtggtgg gcagacaaag taatccttaa 60
taaagttgac aattagcttc actcaatatt tttaataatg cacattaaaa aaaagtattc 120
atcttacaaa ttcttctgca atccaaacat acaatagctt ggagaacatt tagaaaacaa 180
aagccaatgt aaaaagacag attaaaacaa ctagaacagt acagggttta tttatatggc 240
tcgaatttta cagttttctt actgcatcat caatgtcaga aatctgttcc ttcagctggc 300
tccattgttc tggattaaag aaataccttt 330
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<210> 1689

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D57489

<400> 1689

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gaagtcttac attttattta aatagcctcc agtaagaaga gagtgggcca attactaccc 60
cttccttgta aaatgaagta accaagccaa ggagggttaag tgcaccagc agccagccag 120
ccatgtgatg ggtggggtgc ctctcagtgg gggcggccac gaccacggcc cgggccttct 180
gctgtgggag catccacagt cgagcggggt tttttgatgg tttcatttac agacaggtca 240
ggacg 245
```

<210> 1690

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D57823

<400> 1690

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cttattgaaa cagtattata taatgtttgc ttaattatat catgtgatgc tcagttctat 60
tttgatttat tcattagtat tcacttttac cttaaagtt tacttgtagc aaatatgttt 120
acattgataa agccagatat gttttgacaa tgaaatttac atatcaagta ctgcaaataa 180
aaggtggtgc tatgatatat gcttaggagg acagttttaa tgattgtact tgcatgaaca 240
caatcatatg atggtaaagc agaacttaag aaaaaattgt ttatgtgtta tattcaatta 300
gcttaaataa gttgctttgt tatattttat ttgaattgaa ctacggtagg cctaaatgcc 360
aataaaatat acttttctact gtt 383
```

<210> 1691

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D57916

<400> 1691

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aaaaccttat ctgctagaca atgtaagatt cacacagagt tatctgggga ttctgatttt 60
taaaatagta catatcatta aaccattttc tctaaatgta agaagagcag aaaaaatctt 120
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ataagattat cagatTTTTt taattgacac agaaatgtaa gaaaaaaatc cctttatatt 180
 gaaaaaagat gcagtcaaag tcttttcaga catcccaaaa ctttgagaat ttcttcaacc 240
 atctaagtct ataaagattt ttgttcttcc tgttcacaac cagttgtata acagaaatac 300
 tagctactgt tttccttcct gtgtgtgaag gaatgaatca ttgattatgt gacttggtat 360
 gtattcaatt aaacactaaa gaataaaaaca ttcactcctt taatt 405

<210> 1692

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D58231

<400> 1692

ctttattaaa accttagcat gtctccctga tctgaactat ttgctttctc ttcaagataa 60
 gttgtatttt accatggaaa aatacagtat ctaacattac cattcacgtt aaatgaagtt 120
 tcctcataac atttatcttt agttttatga agtcacgtg accaatgtta cagtaatttc 180
 tgtagctga ttgtggtaaa caatgtttta tgtgaaaaga aattaaaact ttcttcatct 240
 gttgt 245

<210> 1693

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D59294

<220>

<221> unsure

<222> (1)..(454)

<223> n = a or c or g or t

<400> 1693

aagctttcaa agacaggttt atttatatat aagtgcata mattgaatac agaaacttta 60
 ttaaaatact gtatattaca aatttttaac ccaataaatt ctgtgtaatg acatttaagt 120
 gctggattca ctttttaaca gttgtcttgt gtgtatcagt aaagrgttca ccctgtatat 180
 tacaaagagg agagccacat gtggacctca gaaatgggcc tgtgattaga cactgaatga 240
 tagtaattgt gcactttttc cttaaagcaa tgaattggaa cctagatctt atctttgtag 300
 acctactttc tataattaam aataacttgc atatgttatt gctgcccttt gaagaaaatg 360
 agaatgggtga aaaataaatt aamataaagn tcaacatctc taggctaaac tgatgcttac 420
 tgcattaaaa ttacttaaaa tcaactgcaaa tttg 454

<210> 1694

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D59322

<400> 1694

atctcaatmt tttaatasyt ttatwtcgaa agrgaagcta agmcytkddt taaaaacatt 60
 tccagagaga acactttata ccataaaaata aacbtgtata ctttgggagg acaaatcatc 120
 tcaamtsymt cbkbgdtgavt tatgtgccac bkttataatt agtacaaaav tgacagctcg 180
 aactcybttt aaaavtgtaa aaaccaggtc aggsaacata actataccmt cttgctgtaa 240
 agtacttata tcgvttccgc acaaactct 269

<210> 1695

<211> 302

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D59344

<220>
<221> unsure
<222> (1)..(302)
<223> n = a or c or g or t

<400> 1695
caatttttatt ytttaaaaaat ggaatatttca aagtactttt ctttcaaata tcaacacata 60
atgtttamct ttaaataattt acagcatgtt gttgtgatgc tctttagtaa aaatgcatgc 120
ttctggcctg rdagccagag caaaatgcaa aagaccattt aactgcagcc agagaacatg 180
aacctgtaca gtatccagtc acttttsagc acaggagavc aggvntacaa aattggracc 240
tattgtttcc tagcaacatg gctcagacca ttataacaca myyttcaata tgawyacdmc 300
cc 302

<210> 1696
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D59355

<220>
<221> unsure
<222> (1)..(356)
<223> n = a or c or g or t

<400> 1696
gtttctagtg aatttaaatgc atgagtctca aaaatcaatg gcaaaggaaa aaatgaataa 60
aattaaaats gggtcaggag aaaagggcca tgggcacaca caggagggggc agtcagtgcg 120
ctgagctagg cagtctgaag cagggggaat tcctytagcg tgctcatact ctcgtccaac 180
cgmtagatc ctccgtscgn gnnagctccc cccaccgykc acgactgkt nncttgcaaca 240
aagcgcgccc atacttncgc cgtggmcatt cgaagtagcg ctttcccatt cacttgcca 300
tcatttttcc ccagtgcgct catcatagcg gacaccaatc cagtagccag gcttga 356

<210> 1697
<211> 255
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D59553

<400> 1697
tttgcacagt atcaatacct ttaatactat aattttcaag atgcgcaaaa taaaatttta 60
aggcaaaaac agcactttgc aacaatttaa tatttatcac attacagtag catcacacca 120
gcagtcaata atgccacttt aggcaaaagt ctttcagtat ttctgtacac attctgttaa 180
caagaacca tacattggta aahttcattc taaggaaact tggcaacaa agctttggac 240
tggaattggc atttc 255

<210> 1698
<211> 269
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. D59554

<220>

<221> unsure

<222> (1)..(269)

<223> n = a or c or g or t

<400> 1698

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ttcaacacca tgagcgctgg ggnnnnnngct gtgcctggvc agctctgceg tgtgtggtgg 120
vgccacggtg ggccggttgt caccgccagt tgaggggtta acagcgtcac ctgggggaaa 180
mectggaaac cgtctaataga agcaggtghc ttaggggcgt ctctagaaac ctstgtgccg 240
atttctctgc gagcccgggg gtctcctct 269
```

<210> 1699

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D59570

<400> 1699

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<400> 1701

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 <212> DNA
 <213> Homo sapiens

<220>
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 aagaagtaca cgcactgcac gccttgcaat gcttgggwat tcctgaatta ggctactcca 300
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<220>

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<221> unsure

<222> (1)..(244)

<223> n = a or c or g or t

<400> 1705

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atgtttaatg caaacgtac attctcagca gagcacaagt atcaarggga cattggatat 180
attbyaataa tgvycataca caagcaaaaa taaccactga aaatataaaa ctcaacaaga 240
gacataagra aaa 253
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<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D61991

<400> 1706

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D62103

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D62518

<400> 1708

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 <213> Homo sapiens

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<223> Genbank Accession No. D63160

<400> 1709

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D63391

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D63478

<400> 1711

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D63487

<400> 1713

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ctacaactag attagtgaat ccagatcaac tgttgaatga aataatgtct attcttccaa 1920
agaagcatgt tgactttgta caaaagggtt atacactgaa gtgtcaaaaca cagtcagatt 1980
ttgggaaagt gacaatgcaa tttgaattag aagtgtgcca gcttcaaaaa cccgatgtgg 2040
tgggtatcac gaggcagcgg cttaagggcg atgcctgggt ttacaaaaga ttagtggaag 2100
acatcctatc tagctgcaag gtataattga tggattcttc catcctgccg gatgagtgtg 2160
ggtgtgatac agcctacata aagactgtta tgatcgcttt gattttaaag ttcattggaa 2220
ctaccaactt gtttctaaag agctatctta agaccaatat ctctttgttt ttaaacaaaa 2280
gatattatct tgtgtatgaa tctaaatcaa gcccatctgt cattatgtta ctgtcttttt 2340
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aatgtaagct cttaactatg tctctttgta atgtgtaatt tctttctgaa ataaaacat 2460
ttgtgaatat 2470

```

<210> 1726

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D80050

<220>

<221> unsure

<222> (1)..(377)

<223> n = a or c or g or t

<400> 1726

```

agtaaaagct aatctttatt gagcacttac tatgtgccar acccgtaaaa aaattacctt 60
aaatatatgc actcatttta tccccatgat agccctatta agtagattcn nacaacagaa 120
aaaaaagctg agacacagaa aagtaactbg ccacatttac acaactatta agcaacaaaa 180
ctgatagcaa cctagtcagt ctgggtgccag gstaagtaaa ttaaaaaatt cagatactgg 240
taagtattga gtggaaaata agacaaacaa gtaatgtgat agtgaagagg aggcatttga 300
actgagatct aaatgacaag aagaagccar tctgcaaaaa tctggggaag agcattccmg 360
gctgagaaaa tagaaag 377

```

<210> 1727

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D80217

<400> 1727

```
ggtagatagt aggatttatt ttaatttttc aatctgaaaa aaaaaaaacc caaaacaaaa 60
aaaaacaaac tatcctcata tatatatatm cmgtgtcaac attttcagrg cacttacatt 120
aggaaacatt ktttctcttc aactgtatga caatactgta tatgccacaa taaaattyac 180
aaaaacaatc gcatcagcag tcataacaaa catcatgatt tymcatttca ctvcaca 237
```

<210> 1728

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D80218

<220>

<221> unsure

<222> (1)..(245)

<223> n = a or c or g or t

<400> 1728

```
ctttttaatt gtttaacttt attactgttg caccatttat acaattacat ataattbcaa 60
tgcattccatt gtacatttbb bbgtttttbt yttgttttty ttttccattt tccaatgagt 120
ggtgtgttgg kgtctgtsac acagaatgga agagaaactg gaactgcaat gaacgsagac 180
tttytyyyccy ttttttttca tttccactga ccaataaaca gaactacagg tgcacccaahc 240
cangg 245
```

<210> 1729

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D80237

<400> 1729

```
ccycatgcag ccccaaaggg vaaaaagrga ctttaattag gggagggagg atccaccaga 60
atcagaaaag ggacagytag cgtgggagca gaggrgccag aacaggcagg rggrgggccc 120
ggccaggaag ytytggrgga ctcacctgc cacttytgga acaggcactg gactgacgg 180
acaaggsaa acagcgccc ctctcaactg ggrgggcacc aatggccctt gtagccagag 240
gttgcccggc ttttgggccc caggtcctag gcatgactgg tggtcaccaa tttggccctt 300
ktccccaacc agtgctgggg ggccatcttt aggcagaact caggaagcct cgtscggaat 360
tcctgcagcc cggggga 377
```

<210> 1730

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D80312

<400> 1730

```
gaggggagat gacgcyyttt tattaagggt aacaccaagg aaagcattga gaaggaatac 60
acaaaggmgg gggmgggcac acaaagtcac cacttgaggm ggtggaagg cggcacatca 120
gtaaaagaac ctacaggacag ccacatgctc catgccctgg ttgggggaag agggagagaa 180
agcgccattg atagyttgga gctcgwagaa gctcgkgccg aatt 224
```

<210> 1731
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80408

<400> 1731
 acatacagca tgatttattt ycctattcac ctagtactag ccaaagtgtg atgtatatattg 60
 ctattataaa caaccctgtg attaacatct ttctatcaag atctgcctct actttgaaca 120
 gtttccttat tgccaatagt tattttaava tavatagtta tttbamvggg aaattgacac 180
 atacatataa cacactcacg caaaactggc aagtagcaga taagtgtctt tctaattcca 240
 gtytcctagc tttcatgtag aatgaacawt tatagtaata masgctgamg gaaaacamag 300
 atattattga gatacaacag ggacagtcta aaacagcatc agavagcaag ttcattgtgt 360
 tcaacattag caggcaaggg aawtagggaa gavwtacg 398

<210> 1732
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80420

<400> 1732
 agcaaaaatg tttaattctt ccttaatgtg tgtstttaty mcaagtacta aatctgaaga 60
 acagtaaaat aggaaatagc cgtatatgta cacatctbms ggccggggccc acagtcagcg 120
 gtgctgtctt tgcaaagagc csgctgagg gtgbcbbcc ggaccgtccg agggatcgct 180
 cttcttctgg gaggggggtt tgcggtgtta aaggacagct aattgtgggs tttgtcttaa 240
 aaawatctct ctctctaaat atatctatyc tagctktgta gcaccaacgt gagcmtctaa 300
 ttctmtgaca ggg 313

<210> 1733
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80662

<400> 1733
 ggctttcctc acttctcagg ctttattggg ctttatttgy gggagaaggg ggctggtccc 60
 cagtttttgc agtgcaaagc cagagcgcsa cctgctggta gccctcaggt gtaggttcga 120
 agctgctggg gccccctggg gtttgggaca caggagaatt tcaggctktg agtggagaca 180
 gttactgcca cgattccaca ggcaagttgt tcacctcaaa gatctgctgc accgactggt 240
 gaaagtsgtc gtaggtgagg cgcastttta gccgmagggg ggccttkt 288

<210> 1734
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80710

<220>
 <221> unsure
 <222> (1)..(281)
 <223> n = a or c or g or t

<400> 1734
gacgytcaca cttagttttt attagccaca gtttcccaca gttttctacc ycctaggaaa 60
tacacagctc accaaggga cccagtcacc attctgtcct gcttgcatgg ctgacactgt 120
ngctcaccgg ggggtgagca gatctgcaaa gtcaccagg gcctgggttc ctcaggtaca 180
gagaacccca aagraaggag ggccagaact tagrgccct ttcttctcca tatgggatag 240
gacaccaga caatgcccat gcatcatgaa acaggggcag g 281

<210> 1735
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D80905

<400> 1735
caaagatgtc tcagtttatt agttttctgt caatcattaa aacaagaaag atgaaacatg 60
caattagata caaggagaca gaactcctaa ttctttcgtc ctagctgaag cagaagagtt 120
ttaattgctt ggaaaaataa gattttcgtt ttctctcaag agggaagagg aagcaaatat 180
aaatcgctt agagtctatg gctggaggta caatgctcca aacctgcaa atgagagggtg 240
gaaagacaag tccatcatct gtatgttttg tctttacaat ggccaatatc cagatattca 300
gaaatgtgag ataatcggca gaatatgctt tbytcattag aatgtttaga gtcacataga 360
tttactgatt ct 372

<210> 1736
<211> 274
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D80917

<220>
<221> unsure
<222> (1)..(274)
<223> n = a or c or g or t

<400> 1736
aaaactaagt cagattttta ttttttttcc catagaccac atcattttaat aataaaaaaa 60
ataaaaaataa aahttgaca aaaggaaaag gtggatataa agtggaaacct gtgggaaaga 120
ggcaaggnh gcaggacaga agagacnsgg gaactygcag gggccctggg actcaggrgg 180
agatgctgat tmcabctvca taggtgaccc agtcctggcc ccggytggtc ccaagagaag 240
gytdtaagta cccagggggg tggwaagcag atgg 274

<210> 1737
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D80946

<400> 1737
aggttattaa ataattygtt tattgtacgg catttacaaa gaaaacgaca atgcctcagt 60
agaagaataa aaatgtatgt agggctttat ttttaactga cagcaaatag aaatscttta 120
gtgagatcgt ggcaatttga cagtattata attavgstca ataaagggtac atgggggtacc 180
tggaagrtca agatctacag ctgcctatgt ccacatcttt caatccatct ggstccttaa 240
ataggggaaa aagcccttat tggkggrgga aggatttcca aatgagttam aggttctatt 300
aaaactactg tccatcaact bttwaaatag ggcctt 336

<210> 1738
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80948

<400> 1738
 atttttctgc tgtttaattg atcctcaagg aaggagaaat tcaagtccac aaaaacttac 60
 atcaattctg tttatcacat aaaaaactaa acatacaata taacagcaaa taacaaacat 120
 gctgaatatt tycaagccat tttgaatggg gtccygwaca wgtacataaa taatacatat 180
 tgctttctga attaccttaa aatacagtag caccargggg tatatttctw tgdaactact 240
 ccataagkgg gcataaaggd ttggggrrgd agvcggtatc catwtcagat aaaggagaaa 300
 gtyttwtt 308

<210> 1739
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D81048

<220>
 <221> unsure
 <222> (1) .. (381)
 <223> n = a or c or g or t

<400> 1739
 gnagaaaaag gctgactttt attttctgc agagcatott cctcgggaga gcaggagacc 60
 ccaabtcac bbngttaaga gcaggngamt ccccttgact aggttggggg ctgagcccag 120
 aggcaggggc taaggagggt cagagactag ggccgggagt ggtgaggcaa ggttggggcc 180
 tggagggaca gctatgaccg ttgaacttgc agaccctggg ccaccttctt ggagtggag 240
 ccagcsgtgc agaaggggac ccmtgaggcg cagaggcaag taacagtgcc aggggagtg 300
 tcagggcaga tcctttcctt ctcaggaggc tgttgagggg gagavtctca tvctctaaac 360
 agtgaaggga cagatgactt c 381

<210> 1740
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D81608

<400> 1740
 ccaaaaccac agaaagggaa acttttgats abgggggcac tactgtactt aggaatacaa 60
 ctatatacat atgattttat ttttaagacc atattatatt tsggtatcta ctaatatatt 120
 gtataaagca attttttggt ccattacgtg actttttggt ttattgtata tgtaatttaa 180
 cacacaataa agggtaaagt tgcttcccca aaccacactt ttaatcaaaa ccyagaatca 240
 tctgcagtcc ttgttaaaaa tgcaggtttc tagaacctc tgaagtctg attaaataaa 300
 tttattgcaa acc 313

<210> 1741
 <211> 958
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D82061

```
<400> 1741
cgtctcagct ccagaaccga ctccgctccg cactggcctt gggtcacaggt gcggggagcg 60
gcatcgggccg agcgggtcagt gtacgccttg ccggagaggg ggccaccgta gctgcctgcg 120
acctggaccg ggcagcggca caggagacgg tgcggctgct gggcggggcca gggagcaagg 180
aggggcccgc cccaggggaac catgctgcct tccaggctga cgtgtctgag gccagggccg 240
ccaggtgcct gctggaacaa gtgcaggcct gcttttctcg cccaccatct gtcgttgtgt 300
cctgtgcggg catcaccag gatgagtttc tgctgcacat gtctagggat gactgggaca 360
aagtcatagc tgtcaacctc aagggcacct tcctagtcac tcaggctgca gcacaagccc 420
tgggtgtccaa tgggtgtcgt ggttccatca tcaacatcag tagcatcgta ggaaaggtgg 480
ggaacgtggg gcagacaaac tatgcagcat ccaaggctgg agtgattggg ctgaccaga 540
ccgcagcccc ggagcttggg cgacatggga tcccctgtaa ctctgtcctc ccagggttca 600
ttgcaacacc catgaccaag aaagtgccaa agaaagtggg ggacaagatt actgaaatga 660
tcccgatggg acacttgggg gacctgagg atgtggcaga tgtggtcgca ttcttggcat 720
ctgaagatag tggatacatc acagggacct cagtggaggt cactggaggt cttttcatgt 780
aactgcctca aggaccttg actctgctca cccccccacc actctgcctg gcctcctgct 840
gatgaggact ctaagttccc aggatacaaa aggggtggca gtgtatggtt caggaatgct 900
gaatatggga agcaggggtg cttgtgacct taataaattc catatcctct tccctgcc 958
```

```
<210> 1742
<211> 317
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. D82226
```

```
<220>
<221> unsure
<222> (1)..(308)
<223> n = a or c or g or t
```

```
<400> 1742
aagatatgtg gcccggccag ataagatttc aggagctgat attaactcca tctgtcagga 60
gagtggaaat ttggctgtcc gtgaaaaccg ctacattgtc ctggccaagg acttcgagaa 120
agcatacaag actgtcatca agaaggacga gcaggagcat gagttttaca agtgacctt 180
cccttccctc caccacacca ctcaggggtg ggggnttctc tcgcaccccc agcacctctg 240
tcccaaaacc tcattccctt ttttctttac ccaggattgg tttcttcaat aaatagataa 300
gatcgactcc aaaaaaa 317
```

```
<210> 1743
<211> 371
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. D82277
```

```
<220>
<221> unsure
<222> (1)..(371)
<223> n = a or c or g or t
```

```
<400> 1743
gcgtcactca ctccacaca caccctctgg ctctgctgag gttactgcct taccctgggc 60
ctcagcccca ccttccaaa ggaggagcat cattccttcc ttaccctctt tctagctgtg 120
tgatgtagac caaagtcgtt gccctccctt gggcctggga accagtcgga actgggttcc 180
agtccagctg tgctgtgtga gcctgtgcaa gtgacatgac ctctctaaac cttgggtttc 240
tgctctctgg agcgggtgaac cggtggttgt ctgcggggaa gagatgataa agagcacggg 300
cacggtctng ttcatttctg tatctacccc cttccgncc acgccccga cctttggtca 360
ataaacatcc g 371
```

<210> 1744
 <211> 2068
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D82348

<400> 1744
 cggcagccct cctacctgcg cacgtggtgc cgctgctgct gcctcccgtc cgccctgaac 60
 ccagtgcctg cagccatggc tcccggccag ctgcgcttat ttagtgctct tgacaaaacc 120
 ggccttgtgg aatttgcaag aaacctgacc gctccttggt tgaatctggt cgcttccgga 180
 gggactgcaa aagctctcag ggatgctggt ctggcagtc gagatgtctc tgagttgacg 240
 ggatttcctg aaatgttggg gggacgtgtg aaaactttgc atcctgcagt ccatgctgga 300
 atcctagctc gtaatatcc agaagataat gctgacatgg ccagacttga tttcaatctt 360
 ataagagttg ttgcctgcaa tctctatccc tttgtaaaaga cagtggcttc tccaggtgta 420
 actgttgagg aggctgtgga gcaaattgac attggtggag taaccttact gagagctgca 480
 gccaaaaacc acgctcgagt gacagtgggt tgtgaaccag aggactatgt ggtgggtgcc 540
 acggagatgc agagctccga agctaaggac acctccttgg agactagacg ccagttagcc 600
 ttgaaggcat tcactcatac ggcacaatat gatgaagcaa tttcagatta tttcaggaaa 660
 cagtacagca aaggcgtatc tcagatgccc ttgagatatg gaatgaaccc acatcagacc 720
 cctgcccagc tgtacacact gcagcccaag cttcccatca cagttctaaa tggagccctt 780
 ggatttataa acttgtgcca tgctttgaac gcctggcagc tggtagaagg actcaaggag 840
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 ggaattccac tcagtgaaga tgaggccaaa gtctgcatgg tttatgatct ctataaaaacc 960
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 aatgaagttc gaactctctt tggcttctcat ttaagccaga agagaaataa tgggtgctgc 1260
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 cacacactgt tttttggctt gcttatgtgt aggtgaacag tcacgcctga aactttgagg 1920
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 ttgtaaaaat tttcaatcac gctttttaac tttcttacca caaaaaaatg ataagtgggt 2040
 gaagtgatgg ttatgttaat tagcgtgc 2068

<210> 1745
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D82422

<220>
 <221> unsure
 <222> (1)..(434)
 <223> n = a or c or g or t

<400> 1745
 ctgaatctgt gcccataatc tctgtcagtc tgctgnttgc aggcgtcatt gctgctagaa 60

tcggtcctttg	gtcctttgat	ttaaactgtga	cacagttgct	gcaagaaaat	gtaattgaat	120
ctgaaagagg	cattataaat	gggtgtacaga	actccatgaa	ctatcttctt	gatcttctgc	180
atctcatcat	ggncatcctg	gtcccaaatc	ctgaagcttg	tggcttgctc	gtattgattt	240
cagtctcctn	tgtggcaatg	gnccacatta	tgtatttccg	atntgcccac	aatactctgg	300
gaaacaagct	ctttgcttgc	ggctctgatg	caaaagaagt	taggaaggaa	aatcaagcaa	360
atacatctgt	tgtgtgagac	agnttaactg	ttgctatccc	gttactagat	tatatagagc	420
acatgtgctt	attg					434

<210> 1746

<211> 259

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D82558

<400> 1746

ttggggagaag	ttaaccacag	cttcacagac	taacatcaag	aaatcgccag	aaaggtgaaa	60
gaagttaatt	tgcaaaagaa	aaatgaagac	tgtgaaaaag	gaaatgactc	caagaaagtt	120
aaagtacaaa	aagtacagtc	tgtcagccag	aataaaaagct	acttggccgt	aaggctaaaa	180
gaccaagatc	tgagagattc	aaggcaacaa	gcagcacaag	ccttcataca	taattcatta	240
tatggggccag	gaaccaaca					259

<210> 1747

<211> 2122

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D83735

<400> 1747

gccccgtccc	ccgccccgcc	gccagccatg	agctccacgc	agttcaacaa	gggcccctcg	60
tacgggctgt	cggccgaggt	caagaaccgg	ctcctgtcca	aatatgaccc	ccagaaggag	120
gcagagctcc	gcacctggat	cgagggactc	accggcctct	ccatcgcccc	cgacttccag	180
aagggcctga	aggatggaac	tatcttatgc	acactcatga	acaagctaca	gccgggctcc	240
gtccccaaga	tcaaccgctc	catgcagaac	tggcaccagc	tagaaaaacct	gtccaacttc	300
atcaaggcca	tggtcagcta	cggcatgaac	cctgtggacc	tgttcgaggc	caacgacctg	360
tttgagagtg	ggaacatgac	gcaggtgcag	gtgtctcttc	tcgccctggc	ggggaaggcc	420
aagactaagg	ggctgcagag	cgggggtggac	attggcgtca	agtactcgga	gaagcaggag	480
cgggaatttc	acgatgccac	catgaaggct	ggccagtgcg	tcacggggct	gcagatgggc	540
accaacaaat	gcgccagcca	gtcgggcatg	actgcctacg	gcacgagaag	gcactcttat	600
gaccccaaga	accatatcct	gccccccatg	gaccactcga	ccatcagcct	ccagatgggc	660
acgaacaagt	gcgccagcca	gggtgggcatg	acggctcccc	ggacccggcg	gcacatctat	720
gataccaagc	tgggaaccga	caagtgtgac	aactcctcca	tgtccctgca	gatgggctac	780
acgcaggggc	ccaaccagag	cggccaggct	tccggcctgg	gccggcagat	atatgacccc	840
aagtactgcc	cgcaaggcac	agtggccgat	ggggctccct	cgggcaccgg	cgactgcccc	900
gacccggggg	aggctccctga	atatccccct	tactaccagg	aggaggccgg	ctactgaggc	960
tcccagcacg	ctctctcccc	acatcgtctt	cccatctggg	tttttgggtt	tttctgtgtt	1020
tctatctttt	tttttttttt	tcttgaccgg	tccagtgtcg	ccagtcaacc	aagggtctgt	1080
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<213> Homo sapiens

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<223> Genbank Accession No. D86977

<400> 1757

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<210> 1768

<211> 250

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D90097

<400> 1768

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<210> 1769

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D90282

<400> 1769

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<210> 1770

<211> 225

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01444

<400> 1770

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 cccgaaaggg gcagagtagg aagccaggga aggtgctctg aggatgcttt ctaagggctg 180
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<210> 1771

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01538

<220>

<221> unsure

<222> (1) .. (281)

<223> n = a or c or g or t

<400> 1771

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 ggggaggcaa ggctggact ctgggccagc tgagactctt ggcttgagg gccagcatgg 240
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<210> 1772

<211> 200

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F01568

<400> 1772

gtgtgaacac gataccagca cctccaacac cacatagaag ctgaaagagg ggttgagcct 60
 ctcaaccctt gtcctgggag cttcaagtat ggtgaggcac aacttttatt aaaagagttt 120
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 aaaaagatac actctccacg 200

<210> 1773

<211> 237

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. F01831

<400> 1773
gtcagttttac acatacatca tggttaatat agaccaaggc acaaaacggt tagtgcataa 60
accagttttc ttttaagatt tagcatttta ttttagtctc ttatcttagt ttggaccact 120
tgtaccagct actctaccta ctacagacta ttttaacttac ccaacaaaat caaaagaggt 180
tgctgaccag atttataggg gacataactg tttatattat caaagtgttt gcataac 237

<210> 1774
<211> 237
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02028

<400> 1774
aacagtggag taatttttatt cacatagggg tgcgattaaa aggttaactc attcaaacac 60
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gcagaaatgt tagaaattat atcacaaatg gagcacaata agtattttta aaacctttta 180
aaatatggct tataatttta cacagcaagt tacctattaa tatgttacat attaaca 237

<210> 1775
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02094

<400> 1775
aaagagacag ggtcttgcca tgttgcccag gttggagtgc agtgggttatt ctttcacagg 60
tgtgatcatt acacactaca gcccacaaact cctgtactct agtgatcctc ctgcccacagc 120
ctcttgagta ggtgggacta taggagtgtg ccaatttcta aaaaggctgt tgaagtgttt 180
tcttgatcta aaagtgtctg tttcattaac tcaatgcaat ttccatttta ttcacatcac 240
ttgtatcctc tactctcagc ttgtcaacct aggatggcaa tgacaccagg aaggtaactg 300
tcccaaggg 309

<210> 1776
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02245

<400> 1776
gggggtggca gtgcacttta ttaacaaaca aaacagtacc atacaggcaa aatcttactt 60
cagtggcaaa gcacacacat aggtatactc caacgtgtag cactggggca aacttcagac 120
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atactcttca gtggaggatg aggccttatt taacagttta ctgggacaga cagatgaagt 240
tttaaaatct aattcttggc ctaactgtgg agtggggctg actcagcctt cagaactg 298

<210> 1777
<211> 236
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F02254

<210> 1781
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F02807

<220>
 <221> unsure
 <222> (1)..(358)
 <223> n = a or c or g or t

<400> 1781
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 tttcccaatt tcagaatact tacaacttgt agttttaaga ttagattcac tttgggaggt 120
 tttagaagca aatacattca tagctgtgta atccccagga agaattctaaa tctgacatca 180
 ggtcattcag tccctgccag acagacaaca gcatcaaagt gtcaacagct aatccagctc 240
 tgcagctaaa gggcagtgtc gggcagcagt ggggtatagc atattaccaa agatgagacc 300
 agcaaaaaca acaatgtgta taaagcttta anttaacatg atcatataga gcgctcag 358

<210> 1782
 <211> 244
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F02863

<220>
 <221> unsure
 <222> (1)..(244)
 <223> n = a or c or g or t

<400> 1782
 aggaaaaaaa aagagaaacc tttattttaca accatgggag tcccacagga gtacacaaaa 60
 cacacaatgt gcacacacac aaaatgaacc ttttaagtca ataccatgcg tgctcctggc 120
 cgcgcgccac ccctcagtgc cctatccgca ccaccatcac agtgacgttn tcggccgagc 180
 cccgntgcac cgcttnttg gccagccttt tgcaggctgc ttcgtagcgg gcgtcggctg 240
 cgga 244

<210> 1783
 <211> 244
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F03200

<400> 1783
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 acaatatata gcctgaataa aaatgactag aacaaatata acacaggact tgctttcttg 120
 cattagtcac aaagcatgtg acaatctaga aaacttcaaa atcaattaca tttctttgaa 180
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 gaca 244

<210> 1784
 <211> 244
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. F03811

<220>
<221> unsure
<222> (1)..(244)
<223> n = a or c or g or t

<400> 1784
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tttcttttct acaaaaggca ggngatgatt gtnganctgc aactattgtg ttgtgcactc 120
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ctca 244

<210> 1785
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F03969

<220>
<221> unsure
<222> (1)..(305)
<223> n = a or c or g or t

<400> 1785
gaactttggg aaaattattht atttctcccc acgggggttca gacaagtaat ttcacatttc 60
attgtaagtc aagggttaaga aaacattttt tgtacatcca tcaactaatag agatcacagt 120
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tagtattaat aggaaaaagc atataatata atctactctg tatctaagag ctttaattta 240
ttcaaataat ggaagaaatt catctnctga atttttctta tttaaaaagc attatgagaa 300
ctgat 305

<210> 1786
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04320

<400> 1786
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cgtaacaat tctgagataa ctgctgcac acagttgcac aaaggctgat gagttgcaaa 120
tgttcatcag caccatctgc taggcatttg tcaacttcgg caagtttttc tgtgataata 180
gacttctgtt tatcagataa gttattttct acaaccacat catggagttg attgacgagc 240
tgagttgctg catgaccctc atctattaaa tccttgacca cagcttctag tttgtcaaaa 300
gagccactct gacaggcagc aaatactcca tcaattttct cagctgggt 349

<210> 1787
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04335

<400> 1787

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ccacttcccc aatccctcag ctctaaattt atctggaaat attttgagtt tttcttacag 60
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cttcctctgt gaatccttcc cacattcaag gaggtacgca ggaaaagcct gtggcaggca 180
gtagcccttg atctaggctg ctccaggcca cgtagatcat ctgaagattg tcacctaaat 240
acagctgtta ctaaaccctt gcccaaggga agcagagaag ggacaag 287

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<210> 1788
<211> 249
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. F04444

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<400> 1788
aggatttcta ttcattttta ttcattcctc caaagagcac cacaggccaa ccacaccctt 60
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atggatggaa ctctgctgtg gtgaggaggt tgtctcgccc actcaccxaa gttttccatg 180
cctgttctgc ttttgatggc aatgccaaaa ttcatacatc atttccttga attcctgcct 240
tcaagggtc 249

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<210> 1789
<211> 224
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. F04479

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<220>
<221> unsure
<222> (1) .. (224)
<223> n = a or c or g or t

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tggatcggtt ttgtgtccaa gtctgtccct gccaaaagcc atcaaaagtc tccatcacc 180
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```

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<210> 1790
<211> 237
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. F04524

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<400> 1790
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tggcagatga gtcagaaatc tttgggagca gcgccaggga agcagcaggc cctgctcctt 180
cccagcccc atcccgccag cacgggcctg gactgcagcc aggaaggtgg gccagcc 237

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<210> 1791
<211> 222
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. F04531

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<400> 1791
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ctgcagagaa gcagtcaacg aaagctcata tccacaatgc attgactggg aagtactggc 120
acatacactc ataaccatag cactaatgtt ttaaggtggg ttccaaagaa atgctgtatt 180
tgacaatcaa ttttaatatata tatttttccca tttacaaggc tg 222

<210> 1792
<211> 274
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04611

<400> 1792
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taacttttaga acagagttga ataaatcaca gtaattggac taaaacatta cacagataat 120
tgtgtaattt tagaacttac ttgcatagtt aacactgtat aatactctta taaaatatat 180
gcctacaacg aagttcctgg gaatcattaa gcaagcaaca taattatttt cctgtagtaa 240
ttcagatcaa gtatgtagta caagttatca ttgt 274

<210> 1793
<211> 280
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04674

<400> 1793
gtataaaaaat aattttattt actactgtaa ataaagtagt gcaaagagta gtttggaccc 60
acaatattgc attactgatt tatttactac cttagcagca ttagtagtatac agacattctg 120
ctcttctctt tcctctctaa cacacacaca cacacacaca cacacacaca cacatatccc 180
tgtacagact cacgcaggca tgaggggtag ggatgaaact ataagctaga ggcttacttg 240
ctgcatattc cggttgctgcc agtctattct aacgtgtaat 280

<210> 1794
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04677

<400> 1794
atggctaattg gtgacacact ttattaattt aaaaacacgc ccttcccaca tagtgcgtag 60
ggcatgtgca cattttccta gaaggacatg aatagtgatg tggaggtacg gtggaggtca 120
ggcatctaca gggtcattcg aggaggaaca gattcaagct ttcggacgat cagtgttttg 180
taaatagcag catcatcaga tctaagacaa cattggacct ggcagggcct tttctttggg 240
tggcattaat tactccagat tcagac 266

<210> 1795
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F04944

<220>

<221> unsure
 <222> (1)..(313)
 <223> n = a or c or g or t

<400> 1795
 catttaatct ctgaaatctg ttcatttttn ccctccattt ataaaaaggg gtcaatttat 60
 catttgctct atagctattt gaattcgaaa aagattccac aaaatttgag ttgcacacag 120
 gcgctttctg aagcagatta aacttgctct tgtgacactt cagagcttgg actgcagtga 180
 cttcaggtgc ttgtaagatt cgtggacctc tgctttgttc agtggggagt tcttagccca 240
 ctcaaacaag ttttcataca cattccccatc atagcggcca agcacagagc caagtgtcac 300
 atcctgaaaa tca 313

<210> 1796
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F08817

<220>
 <221> unsure
 <222> (1)..(272)
 <223> n = a or c or g or t

<400> 1796
 gagtcgaagc atagcttggt taattttnat acatttntnc ctttttcctt tttttttgtc 60
 ttttattgaa tcttttatgg aatccccctt tttncatttn catttttttt ttgcataggg 120
 aacaaataaa caaaataatg acagccagag tcactttctg taaatggtag ttaggtaggc 180
 gcgtccgcga aaaccaaagt gactgcgtaa tatacaaggt tatgattggn gtatgatgtg 240
 aggggcgggg tgggggtgggg ggagagccgg cg 272

<210> 1797
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F08876

<220>
 <221> unsure
 <222> (1)..(313)
 <223> n = a or c or g or t

<400> 1797
 ccaactcagc agctctatct acataacagc gtcgcccaca ccccgtaggg cctctnacgg 60
 cttcttggtt ttcttcacgg aagatgagct ggaggccgac tcccgtcgct ttctcgaatt 120
 gggcgtgagg ggtgcgcccc ccacatcaat gatggtgtcc ttgggggtcag gaccaagtcc 180
 gggttcagtc actgccggtc cagcagaggg cgggcctggg cctgatgctg gtgtggcagg 240
 gccccctagc acaccagccc gggccagtgc ctcatgacgg tgccgcagca tctgcagctc 300
 atactcgag ttg 313

<210> 1798
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F08941

<220>
 <221> unsure
 <222> (1)..(339)
 <223> n = a or c or g or t

<400> 1798
 aatagacaga agantttaat acatgtnatg ctttgccttc catttacact atcataaatn 60
 acaaagtatt gtccanttca canaataaaa ccatttccag ataatttttt gacagtatca 120
 agangtacat aaactacaac aaacaaatct gtacagttgg gagngggnt aatagcagg 180
 aagagggtcaa acctccctgt gccaatggng tccatctgca tagcccttgg gactgtccag 240
 gtcaacagtc acacaatgat gtcacacgta aaatagtcac tctcttctgc tcaactccaaa 300
 gcaagactgg tgagtttaca caantcatct cantcaaag 339

<210> 1799
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09058

<220>
 <221> unsure
 <222> (1)..(316)
 <223> n = a or c or g or t

<400> 1799
 ggatttcctc gatacaagtt tattagttta ttctccatat acaagtttat tctcccagaa 60
 tagcagcaaa taaaacttga attggatgta cagctcctaa taaccttgat gtcagagttg 120
 tcacttggtt ggaattatta tgatcccccattttaaattt ncttgataaa ctcagcgttg 180
 tttgttttca gtgacaagaa aacatacatg gaaagggggac ccaagacagt tcaccaagat 240
 agttcacagc cctttgcagg atatgccttt ggtgggtggg agcacctaga ttttagagga 300
 ctataaaacg ccatgt 316

<210> 1800
 <211> 259
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09297

<220>
 <221> unsure
 <222> (1)..(259)
 <223> n = a or c or g or t

<400> 1800
 gagcaggagt gaaagtatta aaaagcttta gagcaggaat gaaaggaagg aaagtacact 60
 tggaagaggg tcaagcagg gacttgagg atcaaagtcg tggtttgacc ttttgacttg 120
 gggttttata tggtggcata cttctggggc cttgcgttac ttctccctg attcttcaaa 180
 aagcacctat ttcttaagga tccaaaaaaa taaaaccaa tttcattgnt gctgtttcca 240
 tttcttgga aaaattagg 259

<210> 1801
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09350

<220>
 <221> unsure
 <222> (1)..(229)
 <223> n = a or c or g or t

<400> 1801
 aaagaacaca tttgctgttt ttattggtgc cttgcatggc agtaatactg aaaanggaga 60
 atgcaaaaaa ataaaaataaa ataaacaaaa aacaaaaaacg aaaaacaggt tgggtggcaac 120
 ccacatcttt tttttaagag cacataaaact cctgttttat ttttattgtg gcatgaatga 180
 taacataaaa ccaaaancat gaaaatatac aacttatatt acactatgt 229

<210> 1802
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09353

<400> 1802
 acttccttca ctagttacga caaaatttta gaggaataac aaatacaaat tttctgttaa 60
 gaacggaaag gtgcaaacta gcagagtcaa tactggtaac cagaaggcac taatccaaac 120
 acataaattt caaaagctgg ttatattatg gaataccata tatactggcc tttgccagtt 180
 tgggatttct gcaatagcaa taagcctcgt ttctgtttcc aattataaca acaaaaagat 240
 gagttactaa tgaacattcc acttacagaa gtctaggcta tgttgataaa ttgaaaactt 300
 atctagacta ctctg 315

<210> 1803
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09394

<220>
 <221> unsure
 <222> (1)..(346)
 <223> n = a or c or g or t

<400> 1803
 aactatggaa aaccatgttt atttttaata aaggatgaca tttccaatca gtaaaatatc 60
 ataaaagtat aaaaatgtac taagtacaat cattagcatt atgttatagg ggaatagtgg 120
 ttataacttt nccctgtaag atggcacatt ggatgggtcac agttggcttg atttacagag 180
 gggcaagagt aggtgaccag ttgtaccagt tgctccagtt tcctaggatt tgggactctg 240
 taaaaatgag aaagtcccag gcaaaactggg acgggttggt cctacaagaa aaagagcagc 300
 atcagagtgt tggctatagt ttggaactta ggaacaggat cagaca 346

<210> 1804
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09578

<220>
 <221> unsure
 <222> (1)..(218)
 <223> n = a or c or g or t

<400> 1804
 cttttatccct ttatttcctt cttgaaatcn ctgaggcagt tnanaggagt ggagggaggg 60
 tgggcagggc tggaggatgg gaggnagcac gtctnataga aaacgtcacc gâgacacacc 120
 ccagggccag aggcgaacgc atctaagggg tggctgggca ggagcaccag ggctatgtac 180
 acggtcaggg tcttccctgg ggaggaggca gagggctg 218

<210> 1805
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09684

<400> 1805
 gctttacata aacttataag gattttttat ttaaaggatt taaaaatata acacagtcaa 60
 tataaacatg tactgggaat tataaaccat tctttcttct aagcactgga tgagatacta 120
 aaaacataca gtatcttacc aatagccatt aaaataggct aaaatgaaaa agaaaccgtt 180
 gtaacaaggt tactaatccc ccaactttca atgc 214

<210> 1806
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09687

<400> 1806
 ctctttttaa aacttttatt acgcattgct aaataacatt gcatgatgta ttgcacacat 60
 catgtggtaa acagcactcc acagtaatcc atacaatagc tcgtacaatg accatcaaaa 120
 tagtttgaaa accgttatag ttttcatccg agtgagtgtc tttatattct tccatgcaat 180
 ctgatttcat aattaagatt actcttccat tctacaacaa ccaaccgaaa ataatttttt 240
 ataaaagccc aaccacaaca aaaggtcatt gggacattac gaaaagtcgg aaatta 296

<210> 1807
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09729

<400> 1807
 cttcaagggg tccatttcct taagacaatt ttggatttct ttaaaaaatc tattttatatt 60
 gctatattag atggctaacc caaaattggt tcttggggta ttgagtaata agtatggttt 120
 aaatggccta aatactacat attttaaaag ccttgatgct ggcagagctg cactgaggat 180
 ctgtgttttt aagaagtgcc tgggtcgggt aagggtgaaat tctaaactgg aggacacatt 240
 agtcagttta tctctctaaa cttgttcac caaaataggc tttttaataa acaattttagc 300
 ttatacttca aattaataat cccccacac acatttct 337

<210> 1808
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09788

<220>

<221> unsure
 <222> (1)..(267)
 <223> n = a or c or g or t

<400> 1808
 aaggcttctg gtagggacat tttatttttt ggtaaagcca caatagatag aaatgccata 60
 aaaacaaaca tgtaaacaaag gtatcagaac tttggttcac tgaaacatct cacacctaaa 120
 acacctgngg tacaaaggca ccttgctagg cgctagacag ctaactctgc tgcagccact 180
 ttgatcctag ccttggggcc agggatggca caggctgaat ggaagggctg ggacttcagt 240
 cacacaggag tcgccctagt atgggtct 267

<210> 1809
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09979

<400> 1809
 aaattgaaat ccacatttat tgatgagaga tatatacaca aaagttaaaa cacttagtga 60
 aatattggat tcacagggtta tttccagtat ataaagaata tccagttatt ttacacgtga 120
 aatgtttacag taatcagtcac acattgtaag aaagcttaga aagctaaagg cgaaaaacaaa 180
 agacctcaac taccacaaaat gtgcttcac aacaaggcat tttctagtag catatatgag 240
 aaacaattca aaaattagtt gaagatttta tctttttgca ttcattagtc tttaaact 300
 atgtgctata gatgctctgt gctacgtgac ttcagaccaa tggg 344

<210> 1810
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F10149

<400> 1810
 gtatacaaat gttttagtga actttatttca taataatccc acgctggaaa taacacaaat 60
 attcatcagc aaatacataa accaactgtg gtatattaca atgaaatact attcagcaat 120
 gaaaacaaaa agctacagac acaggcaaca gcaaatatct ctaaactatgt taagctaaag 180
 aaactaaaca caagagtata tactatctga tttaatttat atgaaattct aaatcaggga 240
 agaaaactaa ccttccagta acagaagggt gatcagtggt gacctagggc tggggagaat 300
 gactgcaaac ggagaggaaa tttatttctgg taaga 335

<210> 1811
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F10161

<220>
 <221> unsure
 <222> (1)..(286)
 <223> n = a or c or g or t

<400> 1811
 aacacaataa caatttttat ttcaaaaatt aagttcacac attatcttaa gagaatttta 60
 aaattttactg cattttattg cacttattac ataaatatac agttggcaaa acaattttact 120
 actaaaattc agattctctc tcagtataac gcaaagtatt actctganca cctacttcag 180
 gcatcactca gtaagtcaac cactaaaagc ctctctgctc agattttcct ggtgcatctt 240

ttattttctct tctctttcat gtagaagtct atgaataatg cccacc

286

<210> 1812

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10182

<220>

<221> unsure

<222> (1)..(266)

<223> n = a or c or g or t

<400> 1812

```
aatcaaaacc atctttatta tttaaagagc atcccgatc caggggcacc tagacaggag 60
tcccagacag cagaacaata ttacatggg ggtcaggagg tgaggtggg tggctcggg 120
gctgagtgagg ccgcccactn tggaagagag gaccctggag ggaggggtgc cttggacctg 180
tggaacgggg ccaagaagaa aaacgtccca tcctaggccc agcgtggatc ccaccaccgg 240
gntcacctcg ggccctggag gctgag 266
```

<210> 1813

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10199

<220>

<221> unsure

<222> (1)..(226)

<223> n = a or c or g or t

<400> 1813

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acagttccgc tcagatattt tatttgtntt tgtcttttnc tttttttggt ggggggaagg 60
ggacaggttg gaagggagac agaaaaaaca aatcaaagag gagaaaaaaa acatgnttct 120
nccaccctc caccaccctt ggccccaggc ctgagtcaat gagggtgagg atgagcacac 180
acagcgggag aacagcaata acttagggga ggagcgccag gagaac 226
```

<210> 1814

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10276

<220>

<221> unsure

<222> (1)..(263)

<223> n = a or c or g or t

<400> 1814

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gacaatgtca taggcacgtc tcacgacag attgagcttc tgcataaggt aagccacagt 60
cacagtgact gancggctaa tgccagccaa gcaatgtacc aagacaccac agttcttgcc 120
ccgggcttca tctatgaaag aaatggcctc agggaaaaac tgggacagg tttggctcca 180
gtgatccgag atggggattt gcttgattt aaactctct gcgttctcaa agagattcgg 240
caaattgggg gtgacgttca aga 263
```

[illegible][illegible]

<400>	1816						
gaagcatgtt	ttgagacaag	ttttatttga	aacaaaaggc	ttatttgaag	aaattttcat	60	
ttgctacaaa	aactatttgt	agacattctg	gagatactca	tatatgggca	aaagaaatta	120	
gagcaggcat	gcaacagagc	agaaaggatg	ctttatttgc	aaaaggggtg	tgaaacatct	180	
aaaaagttga	cattgtatat	ggttacaaa	taaagagtac	tcttgtgag		229	

<400> 1817						
caatacaatt	gtttttattta	acacacatat	gtacacagga	acatttcagca	cacatagagt	60
ctattaagtg	gaatcattaa	gaaatgtctg	gagaggcaga	catttttaatt	cactcgctgt	120
acacaggggag	ttcaatcatc	acatttttcac	acaggtgtca	cgtcatgtca	tcttttgctt	180
gtaaattacc	tatgaagcca	catatgtctc	tacatataca	aggacaggtc	caaatacagt	240
gccagtgaaa	aaataaaaac	attaaagggtg	tacgctggga	tgacaatgca	gagtttacct	300
cagtgtctgag	aaatctaagc	tgggatgaag	tttggg			336

657

<223> n = a or c or g or t

<400> 1818
 cttctctttt tatgttttatg acttcctaag gcacactcag ccttgatgag ataaataaat 60
 cctgtcctat gagacaagcc ccagggttgc tcagaaataa acagagcttc taggtgagaa 120
 ggagcaagct aaaagaacaa atcaggaagt cccagtgaac taggaacttc gtgtgtgttt 180
 gtaacggcag aaatggaatc aatttcagaa tttcccagga agcattatgc taagnttcat 240
 acgcccgggt tctaaatcta atattctaca taccctatta atgctttcca ttataaacta 300
 aataccattt tagttt 316

<210> 1819

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10453

<400> 1819
 gggattttca agatgtttta ttgactatct aatttgaatc tacttacaag gagaagaaaa 60
 atgtctagta tgtaaagcaa tgaatgaaat aaatgtttat cctaagtcac tattgagtag 120
 aaatccacag ctttaacaatg tggttttaac agcaggagag catgcaactg ctctaacaca 180
 cagggtcaga aataaaaagggt aaaagtacat ttgttttgta act 223

<210> 1820

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10466

<400> 1820
 aacgtaaaca caaagtctca tttatttttg tctgaagcac acaggagctc actcagcaca 60
 ataacagtaa gcgaatcata caaatattga gaaaaaatgt tcctatgaat acatacatgt 120
 atattcttaa gagtagcgat caggagttaa acaacaaatg taaagtgggt ttctctaaag 180
 aatgctttct gacaggcttt tgggttgga atggacaggt aaatcactgt cacataacag 240
 gtaagctaag aataacttct gttacccaag tcatttgaac cctgtgg 287

<210> 1821

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10640

<220>

<221> unsure

<222> (1)..(284)

<223> n = a or c or g or t

<400> 1821
 agtggcaaaag tagtttattt atnatgtttc cttaaaggag attaagactc gactccnctc 60
 ccancggggg cagcccggna actcagcgcc cccctccagt ggtgcccgaga gcctcccagc 120
 gccatgtcca tctctnttcc tcttggtcgc cattgtggca ctcagcccac ctctgcctca 180
 tttcatgatt gtttgccttt gtagttttaga aacagctgcg gcaagcattt aggtaaaggc 240
 ctcaagcaga caacctacag ggtgctccgt gtcagtgcag gtgc 284

<210> 1822

<211> 315

<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F13624

<400> 1825
tttttttttt ttttgtttca caaaaagatg ttttttcatt catgagtatt tacatttttc 60
atatttgttt aaagaatatc atataactga taccttctga aatgtttcat gctttttaa 120
tcttctattt acacttatct gacatggaat taaaactaaa atgggtcaa acatgataat 180
agaaagcaac cagccaacat agctaggtct tctcttaa attgctgatca acattagcag 240
tagttacctt aataataaat tattcattta aatcagtagt aacttt 286

<210> 1826
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F13702

<400> 1826
tttttttttt gcctgacaaa actggacatc tggatgtcct ccagtctact tatatactca 60
cagagagaat aagttttaa attaaagaga aaacacaaa atacttgga taaatgtgca 120
tttaaaaccc tgactaaa atcaacataa tgatcataa tacaatggta ataaaaataa 180
ttagtacaat aatattactt tatgagcagc atggaaattt cattcctgat ctggaagaat 240
aaa 243

<210> 1827
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F13782

<400> 1827
tttttttttt ggtcattaac acagtattt attggcacac ttatcagtaa agcatacata 60
aaatacagct gttttttaac acacggagcc actgtgcctt tacatgtgtg gaggaacata 120
ttaatatgca aatggaaaaa ttaattctct tataaagttt cacataaaata cactggagtt 180
gcccaaaaac gaaaagtccc ataaaagaac caggtgagag ctttacaaaa tatcatacaa 240
gaaatatact ataaaagaa ggatgggtcac tcaggtacaa ttagaaa 287

<210> 1828
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F13809

<400> 1828
ttttttttta gaaaatgtcc taaaatgtgc attttattcc atatcattat acaatgttta 60
catatagtta aaacttcctt ccaaaggaaa accgggcctt taccaggtt ggtatggtgg 120
gtggtctaaa tctttaacat gaagggactg aaaagagtgg aatccacac tgattgttat 180
cctacagatt gtcatgagct gcacgtgtcg caatcagaag gaatggaagt ctcggaagag 240
cagcgtgctt acagaccttg gcttttagtg 269

<210> 1829
<211> 318

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H00540

<220>
<221> unsure
<222> (1)..(318)
<223> n = a or c or g or t

<400> 1829
gcaatttgta aattctggtg aatactcaaa attgtagcta aaaacagcta tctgaatata 60
ggtttaaaac ctcaaagaca cagagctaag aaatatggaa tacattgtat attgcttttt 120
caatagagta gacataaaat tgatgacaaa tgtttccaaa ccctcaataa gaactcaaaa 180
catcatacta tgccaagctg aattacagaa gggatatctaa ggaaagaagg acagtggcat 240
cagtatatctc taggataaaag gggccagtaa aatcaagttg gcatttgatg tatacatctt 300
attggggngt ggtttttc 318

<210> 1830
<211> 238
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H01059

<220>
<221> unsure
<222> (1)..(229)
<223> n = a or c or g or t

<400> 1830
agcaatacat gtttatcata gaaatttaag aacctaaagta atacaaagaa agtaaggatt 60
acctttaatt aagaacctaa gtaatacaaa gaaagtaagg attaccttta atcaataaac 120
aaagataaac ttttggaggg agcatatacc attccagtca ctangtaagg ttttaatat 180
cagattccag aattctgatc aatcaatggc tatgtttcac acttctttaa attaaaaa 238

<210> 1831
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H02848

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 1831
ggatnagant ttanaggcaa gacatttatt cactcatgat atatcagtgc aaagtgtgcc 60
tacagtatac aaggtaaact cacaactcat caaaactaaa actttttaca atgtgcaata 120
catgtaggga tattaattca atatataaat gtcacatgtc tcccaaagtgt caccaggt 180
ttctgttatt tcttaaaata tacaagtcaa tattaccaga gaaaagataa gaaaatccca 240
ttattttatc ctaaacttat gtatacttct ctaaagattc ttagggcttg taagcaatga 300
ggtttaaggc natttttttag gatgttagca tcccggggct gacttngccg ggctgtggga 360
acccaggnc cggagtgg 378

<210> 1832

<211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H02855

<220>
 <221> unsure
 <222> (1)..(408)
 <223> n = a or c or g or t

<400> 1832
 ttttttaatt ttcaaangac tgttgatgtc actgtgggtt attaggtaaa tacaaagtat 60
 aggctcttgc atttttttaa aagcaaaacc aaagagatta gaaaccaagt acacatatcc 120
 tcttttagaag agaaacataa atcagtttta acaattaggc acttaaaaaat gtaaagttaa 180
 gacaacatta tagaagtata aactatagtt acactcctaa attcctcctg aaatgtttac 240
 aaacacaaaa tcacaagcat ggaaaacaaa tttcctcttt atcaaaaaag gaacctgaat 300
 ttgaatccca tgtgataaac cnatgattaa ggtactgggt gggtagggga aaaagggtt 360
 ctggaaattt tacntatttg ntttaaaatg ttaggctttt cntaaaac 408

<210> 1833
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H03348

<220>
 <221> unsure
 <222> (1)..(385)
 <223> n = a or c or g or t

<400> 1833
 atagaaaaac atgtatatat acatatctat atatatttaa ggngcacccc tccccccatt 60
 tgagtatgat tactcaatgg gaagcagtaa tacaaatgga aaaatcttcc ctccatatatt 120
 gaggaagaa gataaaataa gattaagcca tgttttagcac tgagtatttt aacacatggg 180
 ttttttggtt gtttgtttgt tttgtaataa catacttttag attacaatac ccaaaattct 240
 aaggctcctaa tgttaatgat agtatctcaa tgtccatttn cggtttgttt caacatgatt 300
 ttctcctttt gcctctgtgt cacacgtagt ctttcccgtt gggaaggtgc aggttttttg 360
 atagggcctt ggngtttggg taaga 385

<210> 1834
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H03629

<220>
 <221> unsure
 <222> (1)..(410)
 <223> n = a or c or g or t

<400> 1834
 ctcataaaca annantttat taaantacat gttacataaa agaacatata aatggaccat 60
 taaatacatt cagttttatt taaacaaatt tacatagata cttattttaca tttctccatt 120
 gtattcttaa attatttttc caagcttact accgataaan ggtaatacaa tgatcatctg 180
 ctcacacaga tgcatagaga agttgtccac agggctnagt aaagcaccac ttcccagggg 240

nacacngctt attagatctt ccagcaacaa ctcatgctga aggtgctctc ttctgaggca 300
 gcccttgagg gtgaggcttt tgcttttagga gggtgctggg ggggtgggtt ctgagggagc 360
 tgacccgggg cagcgatgg ggtccttgct gntttgacct gacttgggac 410

<210> 1835
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H03945

<220>
 <221> unsure
 <222> (1) .. (414)
 <223> n = a or c or g or t

<400> 1835
 nnnantntca gacatttatt actcaaaatg gaaagaggtg agtatggggg atgggggtaca 60
 tatgggagcc ngggtttggg gagtcagcnc tntacagtga ggatcatcagg tccntgtggg 120
 agccttcact ggggacaaca cagaagcccc atttcaggcc cagatcccaa tccctcctca 180
 agtaggggac agcagagtat aggaagcaaa gtggggagcc cttctaggag ccaatggagg 240
 tccnggaagg aagtgggaag ggaccagaa aaaggagagt gaaggggttg aggtgggaag 300
 gatggntnag gagaccactc ggaacantnt ttaattaaag aaatgggagc tagggagaga 360
 cgattcttta aagccagggg ntacagagac acagggagag aggctcaggc caag 414

<210> 1836
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H04142

<220>
 <221> unsure
 <222> (1) .. (391)
 <223> n = a or c or g or t

<400> 1836
 gagtgagccc annagtttat tcaatactag gantaagccg gtataaaata cattttttaga 60
 aanttcactt ggagataaaa aatnttgctc ccactcctcc cccaatccca cacatctgtg 120
 ctnttctgcc tgagttaatt cagctttgct gaggcctcct gcaagagctt gagcaggggg 180
 tcgtcagccc tgaggggaaa gggtgagcgt gcgctgctgg gtagtgccta gggtcacact 240
 ccaagttctc gatcacctca gccagcaggt ggggcccgtt ccacgcctga gccggggggc 300
 ttcgaagccc aggggcggtt gaagtgcaca tgcagggtgg agtagggagg gcaggtagtt 360
 ncaggtntac tttcgcagat gggtttccct t 391

<210> 1837
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H04242

<220>
 <221> unsure
 <222> (1) .. (389)
 <223> n = a or c or g or t

tgctaaccag gatgaagagc cttaaacagg tttaaagagt gcagactgca gttttgttaa 120
 tacttttttc ctctccaagt tcttttatgc taacatttcc agtggtggga agtacaagta 180
 ctattagtca tcttcattct ttgcattgcc aaagagttcc tctttctccg tcttgctctg 240
 aaggatgaac aaaagcttga ggtgtacgta tcagaacgta aactgcaggc acggaggacc 300
 accaacgttc acccaggact gtatccacct ttccgcatatc gtgtcggcat tccaggataa 360
 cgccttgagg aaaggcattt tgtgttcttg agtangtagt acagctcggc ctgtgggtag 420
 ggtgttgacg acacgggttc atcttcccta gggcaagttg ggataaagggt tnccagtttc 480
 tttttttggg tccccntcct ttttc 505

<210> 1841

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H04799

<220>

<221> unsure

<222> (1) .. (454)

<223> n = a or c or g or t

<400> 1841

tttttttttt tttttcattt gttattttct tttatttggt aatatgtgtg ggggtgggag 60
 actgggtgct agacatgagc tgaggtccag gctaggcaca gggagctgac agctgcagga 120
 catgctaatt ggtctgggaa ggcctttgga atctagggaa ttggctttct gagctgaggc 180
 ggggtccaggc aaggaggcaa caggctgcag gaatcacaaa gggaccgggg acctccatgt 240
 acccaatatc taggtctcat cagtcggaga aacattctca gctcttgggt gacctgtgcc 300
 tccctcaaca cggctacttca ctgcatatgg gacttcattt gacaattgcc acaaaggcctt 360
 tgggcttcag aggcactttt aagggatatt aacagtaggg aaaggggagg cttgggggga 420
 gnccagagag ttcaccacaa caaagcccca cact 454

<210> 1842

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H04854

<220>

<221> unsure

<222> (1) .. (484)

<223> n = a or c or g or t

<400> 1842

cttactagac cagaaaagaa cttattccag ataagctttg aatatcaatt cttacataaa 60
 ctttaggcaa acagggaata gtctagtcac caaaggacca ttctcttgcc aatgctgcat 120
 tccttttgca cttttggatt ccatatttat cccaaatgct gttgggcacc cctagaaata 180
 ccttgatgtt ttttctatct atatgcctgc ctttggtagt taattttaca aatgctgtaa 240
 tataaagcat atcaagttta tgtgatacgt atcattgcaa gagaatttgt ttcaagattt 300
 ttttttaaat ttccagaaga tggccaatag aggaacattc aaggggaaat gggggaaaca 360
 taatttagga ggaacaagga acaaaccatg ttctncaaata ttttttttaa aaaaaattaa 420
 tgggtttaaa atatatggnt ttggggacgt tcctggcccg gggtaaccaa gggactgtgg 480
 attt 484

<210> 1843

<211> 417

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H05072

<400> 1843
tttttttttt ttgagatgga gttttgctct tgttgcccag gctagagagc aatgggtgcaa 60
tctcggctga ctgcaacctc cgtctccggg gttcaagcaa ttcttctgct tcagcctcct 120
gaacagctgg gattacaggc gtgcgccatc atgccagct aattttgtat ttttagtaga 180
gatgggttta tacattttta aagaatggac aatgatgcag atgatttgtg agcattttga 240
tgagaaagtg gtgattagaa ggatacagca taaatttaaat tgtaaacaatg cttatctagc 300
taacctaatc tgtttctgta gaattactgg tcatggggaga ttggatagat gcctaacct 360
tctcaatttt aagtaatgtg agcaagtctt taagggtatac ataatgataa aatggag 417

<210> 1844
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H05084

<220>
<221> unsure
<222> (1) .. (372)
<223> n = a or c or g or t

<400> 1844
tttttttttt ttcacagtga gcattaaatt attattccat acagccctgg ccctggccct 60
tcttgagggga gtggggtttn tggggntn gc ccagcaggga tcttgccaga tgatgtccac 120
atgagaaggc aggtgtccaa caggttcagc ttcacccagt gccccccaga caaataatga 180
caagtccagg gtcttctgat gtgtcaggcc agcaactccc ttgctgatgg gaaaaccggg 240
gctcggccag cccactgca tccctcaca tgatgatacg aggctctngc actgactcgc 300
caatagactt gtggggcagc angtgggtc cgttgaggta ggagctcatc attaactatt 360
gacgtcctnc ac 372

<210> 1845
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H05394

<400> 1845
tttttttttt agattaaaaa atgcctttat ttttaaaatg tggcttaact acatgcaatg 60
tactgagcca gttttggaat ccaccctgta tcagagtaaa actggaccaaa aggaagtga 120
gtcagggtc ctggctgtca ctctccagc aactcaatct acagagcatt tcttcagctg 180
ttttttgtga cgtgtggtga ttcgttttgg attcctctgt atgacagaca ggtccgacct 240
tgaggaagac cggtagccca cgtcttctgc ttttatgggg ttaatgatat gggc 294

<210> 1846
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H05525

<220>
<221> unsure
<222> (1) .. (302)
<223> n = a or c or g or t

<400> 1846
 ttcacccctt gaggagttaa ttaggcgacc ttggtctaca ctctcaggag aggagtgcac 60
 cagaaataaa gccggtgccc tggagtccac ctggagccag gcgcggggct gncacttagg 120
 ttggcagcag cccggttagcg cgcantncca gcagcgggga cagcgttttag ccaggcgncn 180
 agcgtncgtc tccgaggtga ggctccagag ccacgcgnag acggcgcccg gntccaacag 240
 caccttccag agcagcgaca ccccaggaag aggagcngca tncagcagcg nctttatngc 300
 ca 302

<210> 1847
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05625

<220>
 <221> unsure
 <222> (1) .. (353)
 <223> n = a or c or g or t

<400> 1847
 tttttttttt tttttttttt gcttcacaaa tgtcaatttt attgacacta gtgcacaact 60
 aaatacaata attgcaaagg aagtgggaacg tgttcaaaca gaaatgggtga caatgagtta 120
 gaactgcagt tntttcaagg tactacacta ttatttataaa aaaaaatcac aaanagaaaa 180
 atgttatcac tacaagtagg gatttaggaa gngagnaaat tctgggcagt ctgtctagna 240
 ggggttaaaac atttcatggc atttgtgagt tgctgttgga gagttgtttt ttatttgtcc 300
 accgtaatct gggcaacatc cgggggctta ccttcagctc tcggcactgt gcg 353

<210> 1848
 <211> 501
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05704

<220>
 <221> unsure
 <222> (1) .. (501)
 <223> n = a or c or g or t

<400> 1848
 tttttttttt cttctgtagt cgtctttatt tagagcagaa ttcagactca gctggtatcc 60
 cccaggggcaa ccccaggatg ggganagggc tgggtctgtcc ccacccactt ctccaggatc 120
 ctcccagccc ccaggctgnc ttttccctcc aactgtcagc tgcttagctg ctcatctggg 180
 gattggagct ggagcatctg tcaaggttgt ctccctgaca aacagcttcc tctttggaaa 240
 tggcttcact caggtcctgc aggtcatcga gcaggacaga gagggacccg ggggaaggaa 300
 acagcagatg agcaccagac aagggaaggt gtcctgtggt acagagggaa acagggttgg 360
 gcacagggaa atgagggaaat ggggagagag ggaggctctt tgggtccaag ctggggcatc 420
 ncttaaaaga ggtttaaggg tntcgaagga ccncagagaa caacattctt cntgcgagat 480
 ttttaagagg gagttttctn a 501

<210> 1849
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05970

<220>
 <221> unsure
 <222> (1)..(495)
 <223> n = a or c or g or t

<400> 1849
 tttttttttt ttttgggtttt aatctattat ttacatatatt gtaaaactgct gttaaaaatgc 60
 tctcaaaaat gttatttagg aaggcacaat ttggtagcat caatttttta tttatagttt 120
 tttctaaaca agatccgaag aaacttccac ttttaattttc cccttggagt acttaaagta 180
 cttcaagggtt caatgtcaaa tgcagataaa accccttcat tttcaaactt actaagtgtt 240
 aacaatacat ttgatagtga gcagantatg aaagtacaga tgttatcaaa agaggaaatt 300
 cttatgatac taggttcaga gnttaaagan tttgnaacaa ggggctttca tgactggggg 360
 gaaaatccaa agcttttctt ggaaggggag tggggctttt aatactcggg gctattaatt 420
 aaatgcngga attgagntaa cntagttatc ccggaccttc naaaaggcac cgcntaatac 480
 agctattgct ttnta 495

<210> 1850
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05974

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

<400> 1850
 ttttttttta aatcgaggct tttattttaca tcataggaca agaaaaggat acaaaagaag 60
 tctcttggtc aagcacatca agcgaaantc taaaactcaa tactcagtaa ggtntgggca 120
 ctgatattga aaaaaagaaa aaaaaagaaa gaaaaggtaa aaaggtaatc tgtgacacaa 180
 tccaaatgct tacactccag ggnttgagta aggggaaacc cagggcagcc ctgccacagg 240
 ggaatgacgg ctcagggttga gtgacatctg aggattcatc ttctgtaccc gtgaacctga 300
 ctccccagggc aacccttagg ggggttttgac ttttgagcat tagtgagtgtt aattctttta 360

<210> 1851
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H05985

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 1851
 tttttttttt tttcaaaaag tcaaacttta ttcagtgtta tggtagaaat ttgaaattct 60
 taggnaagct atgaataaat ccttgggcag gtgcaggcat acagattctg ggggtgcagct 120
 gctgagttta aaagcttctt ttggagatgc cccctggccc cctcaccctt tgtccgcctg 180
 tcaagaggag gccatcctgg gcagcacgtt aggggcaaat ggcccagatg cccagctgag 240
 ggcaaacctc catgcctaga ggaggaggtc gcctctggga gcaggaggac ctgctgggaa 300
 cccctgcttc acaggctcct tttcttgctc tccagcacct cctgcagggc agggcaaaca 360
 gccccagcag cagtagcagc aggccctttc agcagcaggg ttttgct 407

<210> 1852
 <211> 211
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H06063

<220>
 <221> unsure
 <222> (1)..(211)
 <223> n = a or c or g or t

<400> 1852
 tttttttttt gaactgttaa aaaattttatt aaaatgtcca agaagtacat taatgtccac 60
 agtgtcagat accacagacc cacagaacac tgcagctcac agcaaaacca gcaggaccca 120
 aagccgttca cactgnacaca cactcatatg cgtgccacga catggcncac gcagcacaca 180
 cagcacacat ccaaaagggg gagttcatca a 211

<210> 1853
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H06144

<220>
 <221> unsure
 <222> (1)..(405)
 <223> n = a or c or g or t

<400> 1853
 tttttttttt tttttaatat tgctgagaat gtagggtaag ggacactccc atgcactgca 60
 ggtagtnttc aggctggtaa cactgttgga aggatgattt gatcacaaact taaaatgaag 120
 gtagcctatg atccactctt agacttcttg aaattcttca aatcaggcaa gcctagggtg 180
 actggaaaaa cagcaatgat gtaaaccaaa caacgtaata ataataaaaa aaatcttttt 240
 aagaacagtg tttcttcccg ggacatagtt cagagctttc ctctccagct cactttctct 300
 gggagaagcc ataactgtgg gtgggggtcc ncaccgggga agggcaggct gacctggggg 360
 accacgggtg cttcgccatg ggtgacatgc ccacgtgggt atggg 405

<210> 1854
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H06166

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 1854
 tttttttttt nttttttttt ttttttagcca aagaaaacag aagctcttta tgccaaatca 60
 caaggacaga caggggaatg tgggggatgg acaggagggg gggcctgggc aggctgcctg 120
 ccttttgcca ccttgtccag gogagttccc ggacccatcc aggnctctt agttcgttca 180
 gtcaattcct tgacatttga tgtgcctggc tcagaactgg gtgctgggga catctagggtg 240
 cataaagcca gggtgcattc tgacaggaga gagtcaagcc aaccggccag ggacaggcct 300
 gctgctttat tcacagattt agatgtcggt ccatctgctc tcgaagtttg aatttctgga 360

tcttttcctga aaatg

375

<210> 1855

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H06935

<400> 1855

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tttttttttt tatagtataa aattttttatt tgataatcat tttgtgacta ttctgttcag 60
taatatgcag aaagacattc tgaaatctgt taatctctaa acattttaac gttagcttgc 120
catacttgaa agaaactggc tagctgcagt ttacattcca ttgtaagcag gtcctcctcc 180
accttcaggt accacccagt taatattctg acttgggatac tttaatatca catgttttac 240
aatgtacaca gttctgaggc atttatctgt aaccgaaatc catcaccttg ttccacaggg 300
tacaaattca taaactcctg gcagggacag gaatcgctgg ctcgggggccc attcatatat 360
cggacagatt tctattttac aggggtatact ggtcatccct taaggggtaa ggtgtggccg 420
gctgggggca tgt 433
```

<210> 1856

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H07873

<220>

<221> unsure

<222> (1) .. (359)

<223> n = a or c or g or t

<400> 1856

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tttttttttt tttttttttt tttttttaat ggggcaacgt ttttatttct gtacatttac 60
atacaaatat tccccaaagg tacaacagat gcgacaccat gcagacacgc agctgtgaac 120
gacagttcag gaactcagcg taagttgtnn gctatgaacg agcaccgtca gagaattccc 180
acccacacgg tacaggaaac acagttttta tattacaacc tcaaggnnca gggaggggaag 240
tnttcgccgc taggacatga cacaccatac tgcttttcca aaacacacgg gttcatgaaa 300
aggcgagggtg ggtgccttct aggacgaggg ggacagctnt tagttgtggg acctcccc 359
```

<210> 1857

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H08054

<220>

<221> unsure

<222> (1) .. (444)

<223> n = a or c or g or t

<400> 1857

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tttttttttg gnttataata aagattttat taaaaaagtg ttaaaaanaaa taatacatat 60
tccagaacat cactgttctg agaaatcact tccctttaga atatgagttc tagatggcag 120
atctacttac aactgctctg aggtctttca ctagctgatt tataatccta tattaataaaa 180
aaatctatag tctgcagtct tttgacatac ttctcaaggg tggatatgtg gtggaatgca 240
gactccatca atatgtgtgg ttttgtttgc ttttgttagc ttaactgctg tttagnaaat 300
cccagaggaa tatgattgag gccagagtta cattggttca taaaattcga acagttgaag 360
```

gctgttttttg ttaattgctg gggccacaac caggaaatcc ggatgatggg gagagaaaca 420
ctnttttagg gtantggta attt 444

<210> 1858
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H08102

<220>
<221> unsure
<222> (1) .. (463)
<223> n = a or c or g or t

<400> 1858
tttttttttt tttttttttg atttggtaat taaagtttat ttgaacacaa aatactttct 60
ctgtctataa aattggctgt tagcagtagc agcagcatgt cctggccaag gggagtagat 120
ttctccagac tactaaagcc atgtatatag ccattcccac ttcccatatt ctgtggatat 180
gtacatgtgc atggtagcta gagtccctcc accaggagta tctctctcat ggatgggttc 240
ttcagggaga ggaagaggag acctgggggtg aagagctggg atgggttttga gtggggcaag 300
ccattaggct gttacctga agcccagtct ctctgggata gctgtactgc aggggtgcct 360
ctgaggccct tctctgtact ctgtctggct naggggaatn ggggttattt tggactccca 420
taggaaaggc acttagccta agtcaccaa tngactgctt ggg 463

<210> 1859
<211> 228
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H08863

<220>
<221> unsure
<222> (1) .. (228)
<223> n = a or c or g or t

<400> 1859
tttttttttc tttctccaca cgtttacttt taaaaaataa ttgtacaaaa cagaatgaat 60
tcttaaggca tatcagaaat gctgagtcct aggccggggc cctgccagac cagggctggn 120
actctgcagt tgggagcttg tccagctgcc ccctctaatt cttttctcct ccaggacaca 180
gggagcctcc ggaagcacag tagtccccgt gtgtcacctt aggctgac 228

<210> 1860
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H09167

<220>
<221> unsure
<222> (1) .. (406)
<223> n = a or c or g or t

<400> 1860
tttttttttt tttcacgtgg aatgggtgtt tcattggtgt tagttggggg aagagggttaa 60
tggttacaga gccagggcct gggcaatggg gtcaggntct ccctgccctc aggnngggcag 120

```

tcgggggtcc tgctgtgggtc cgaagccccct cccccattgt gtcctctcag gcagttgata 180
gaataaaattc cattttaaatt atatgcattt ctctctgctt agaaaaataac atttacaatt 240
gaaaagttag gacttntggg atctgttaac cccactgcct cccacccctg ctagccctgc 300
ctcagttagg gaaggcgggg gcaggagctg cctggggcac caccgctgtg tatttacatg 360
tcctntgtaa cacctnacgg agagggggggc ccggccagna cacaag 406

```

<210> 1861
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09241

<220>
 <221> unsure
 <222> (1)..(298)
 <223> n = a or c or g or t

```

<400> 1861
tttttttttt tttgtgggag atgtttttatt ggcttttact ttcttcaggg agccagcgcc 60
ccnagnccagg tccccacggg ggagccgagt gagctgggag ggatgggtgc ttgcttcgtt 120
tcaaagagat ctacatatct acagagagga tggagaccag aaaggaattg ggaaatggaa 180
tcatgagggc cgggtcctca tccccacccc acccagccca cccccacgc caacgcatca 240
gaaacagant tcacaggatg cacagaggga agccagaggt ntggggcggg ccnggggcc 298

```

<210> 1862
 <211> 253
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09271

```

<400> 1862
tttttttttt tttttttttt ttattggaaa ggaaacaatt tattatattt gaggaaaatc 60
attaaaatac atgtaatatg tttccaattc actgatttaa aggcataatg atttaatttt 120
taaatacact ttcaaagctg ttacgcacag ttccatagtc caggggggtca atttcttcct 180
ctcaaagtta gaaagcactt gaaggacacg ggattcaaaa aaacctaaaa catcataaaa 240
gcccatataa aat 253

```

<210> 1863
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09281

<220>
 <221> unsure
 <222> (1)..(459)
 <223> n = a or c or g or t

```

<400> 1863
tttttttttt tttttggctt ttaaagcatt taataagtca aaatcaaata aaagtgattt 60
ttaaaaagaa taaatttaca tatggtacat aagcaagaca gctgaagggt tctaaaatag 120
aaacctgggtg catatggccc caaaacacca catgctttga ttacactcag gaagcatgag 180
ttgcctattt gggtgagaaa atcccatggt acagtgcgat cactggggcac gttttgggag 240
taattccagc cactgctatg taagtgtttt taattcaggg gtgtcttcta cgttttcatc 300
ttctgaatat cttgtgacgg tgcaggtttg aggcaaaact gggcatggaa atgaggagct 360

```

gttttaggat ggaaggattg ccaagntggg atgggcttgg gcccacagtg ggcagtnggg 420
 ttgggggggtg ggattnttgg gacatttagg ggaaaaggg 459

<210> 1864
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09317

<220>
 <221> unsure
 <222> (1)..(441)
 <223> n = a or c or g or t

<400> 1864
 tttttttttt tttcttggtt ttgtaggcat ttattttacat catatttcaa tacttcagaa 60
 gcttaaacag tgtcaggggt atagcagttc tgagaaacag ttttacaaga agacataaac 120
 taaggggtac ccatgagtgc gtctcatcct tcctctccca ggccagagta acaggtatgc 180
 tgagatgctc ttgcccttgg ccccggggtg ctcacctcca gcctcgagct gcctcaccca 240
 gttagccagg gggctgcaca ggtgttttgcg tgtcctacat gtggcctgtc atgaagaagg 300
 tccgcatacg tggctctagg ctgtgcaggg caagtcttcc caagggactn aaggaagtca 360
 ccctgaaatc ctctcccat gagggacctc ttcctaagtc agattttctc actgctcctn 420
 gttccagntc ctgttgccat t 441

<210> 1865
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09331

<220>
 <221> unsure
 <222> (1)..(439)
 <223> n = a or c or g or t

<400> 1865
 tttttttttg ttcatagcag ttttattcat aatacaaaaa actgaaaaca ttcaagtatc 60
 tgtcaataca agaattggatc aataaactgt gatacactca ttccatggaa tggctaaagg 120
 aacaaactgg tgacacacag aacaacaagg atgaatctca aaaacatttg gagtgcgata 180
 gaagccatac ccaaaaaagt gcgagaaaaa aagataaata atantggttc caagaaatgc 240
 ccagcaggac agcccagagg caaagaccca caggacggcg ggccgttccc agggctgtcg 300
 ntcctaatta aggaaacttc tgctgggatt ttgcccagct ccattttcaa actattttgg 360
 ggtcagtgac ttctttatcc cttccatggt gcctcathtt gaactaggnt tcaactgtagt 420
 gttattcnat gtctgttca 439

<210> 1866
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H09353

<400> 1866
 tttttttttt tttttttttt ttttagccat tcacctttat ttcagagtgt tccttggtta 60
 cagggagggg tgtgcaagac cctgggctct gggggagggg ctgagctgcc cagtcaagc 120
 cggcctcagc cccctcagcc atccaggat tcgaaagggt gcttggtctc aaactagggt 180

```

ctgactctga gggctttcac ggtcccttga acttctgac ctccttttcc tcaaaatcag 240
tgctaggact cataagttat ggagtccaag attaacaatg ctaaactctc aagctgactg 300
aagaatgccg agtttgactg tgaaatagaa atgttaaaat acagaaacaa cccttctatt 360
gtgactacct gttaagggtcc tgcaattaat acaacgaaag taccattttt gttgaaaagt 420
agggtggttag ggggtttccaa aagccctggg tagcttttgc ccacaaagga aaacgagttt 480
aggacactt                                     489

```

<210> 1867

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09364

<220>

<221> unsure

<222> (1) .. (546)

<223> n = a or c or g or t

<400> 1867

```

tcttcgcact gtgcatacag gacgggtcca tccatcgcat aagagcaaag aatactattg 60
ttgccacagg gctactggcg caactacttg agctgcacgt ctgcccacac cagcaccagc 120
gancggcacg gccatgatca ccagggcagg ccttccttgc caggacctcg agtttggtca 180
gttccacccc acaggcacat atgggtgctgg ttgtctcatt acggaaggat gtcgtggaga 240
gggaggcatt ctcattaaca gtcaaggcga aagggttatg gagcgatacg ccccatcgc 300
gaaggacctg gcgtctagag atgtgggtgtc tcgggtggatg actctggaga tccgcgaagg 360
aagaggctgt ggcccttgag aaagatcacg tctacctgca gctgcaccac ctaccttcag 420
agcagctggc catgcccttt ncccggcatt ttnagagaca gccntgatct tcgntggnt 480
tgacgttacg aaggagccna ttcctnttct tccnaccttg cattattaca ttggacggnt 540
ttccac                                     546

```

<210> 1868

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09594

<400> 1868

```

tttttttttt ttcaactgaa gaaatttatt tacttttttc taggtacata gatgacataa 60
ttatagacaa gttttgatac ataggaaaac ccttcgcgtc acctctcttt atgctaaatg 120
aatcatcaca ataattttta caatttttaa aacaatacac agctttcttg ggctgaagca 180
attgcaagaa catattggta ctggtatatt acagctactt acaatgtttt taagaacagc 240
aatggagaaa aataagttat ttaaattatt atttcatata cagaaagtgc aatgttggtta 300
gttggtatat aacttgctcg acagtttctt ttctctatca attttaaatc aagataactt 360
gggactcaga ctatttatat                                     379

```

<210> 1869

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H09959

<400> 1869

```

tttttttttt tttgaaataa acgtcgctcc attttaatac cgtcttttagt atcatacaca 60
tgtgttcagt agtgagccac ccaaagcctc ctgccacagg agcagtagtc gaagcacaga 120
ggggacccc ctctgctgcc tccccatgca gtccagtgat gaggtggatg gagtctctcc 180

```



```

cacagtcaca cccaagctt cctcttctgg tggaaatagg catcaaacct tgcttgggcg 240
tagtccatgt acccaaattc aatagatgaa atcttggctt gtacaatgga ccacagtccc 300
cagaggaaat gagatgcaag ggcaaaccta ttaacttcaa ggcaacattt cttcttttat 360
aatgggattt ttcttcagta ctgagggtttt caaagtcatt ttgggattgc aggcaagtaa 420
ctgggattta aattgggt                                     437

```

<210> 1870

<211> 563

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H10482

<220>

<221> unsure

<222> (1)..(563)

<223> n = a or c or g or t

```

<400> 1870
taaataagggt gtagtaagtt taaaagaccc atcttgattt tatttttcatt ccttttgggt 60
ctctgtgtaa taatagcagg ctacatagtg acattccagt tccaagaagg tacatcctgt 120
tccattcatt aattgctttg attactagga ggggttctgt tcagttttgt ttttaaagt 180
cttgctgata tagttctttc agatggaata accttccagt cccttagaga gtggaactag 240
tccatataac ccagcttcag tagncaaaag tagaagccgc cacatctttt catttctcca 300
agaggagagt ngggaagggt cccatgacca gctgggcagt caggatttct ctagggcatt 360
ctaattgtgaa ataagtgtag actgctgtca aggaggcttc atcagaagat gtatagcatt 420
tgaatgtcta atgataatgc atatcattag aatncaagct ttgaaaattt ctgattaatg 480
ctcatgtatt ctttatcttt gttttcttn tgaaggaaga ctttcaccac tgtctnagt 540
atgatgctgt tgataaggnt gat                                     563

```

<210> 1871

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H10661

<220>

<221> unsure

<222> (1)..(438)

<223> n = a or c or g or t

```

<400> 1871
tttttttttg actttaggct tctctatagc aatactttaa tattccaaaag aaaaatatga 60
actgagaatt gtattatcta gccaaattgt ttttactgtg taaaggctac agataaacat 120
atttgacatg gcaaaaattt agggaaattg ttccatgagt cttttttaag gaaactatta 180
aatcattaat ttcagctgac caagaggatt aatgggaatg ttttgagttt caaatacatt 240
taaaactgtgg gaactaagga aatgtgagga tgacaacaga atgtaaatat tatatgtcct 300
cacaaggtag ggantgatac aacaaaaatt gaggggaaaa gggaaaagga aagtgggaag 360
ttcactggat acaataatag ttggggcacc agagtgtatc cggctaaagc taaggctgga 420
cagtccaagg ggaggttt                                     438

```

<210> 1872

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H10779

<220>
 <221> unsure
 <222> (1)..(412)
 <223> n = a or c or g or t

<400> 1872
 tttttttttt tttttttttt tttntttttt tttggcaaac ttntttcctt ttattctgng 60
 gaacgtcact aaagtaaaca gacatgcatg atttatgtta atttatacat gatgagattt 120
 aaggctgaaa atgacttctg gggaaactcc tactattagt ttcaganctt ctgggcaggg 180
 gctgacttct cttggcttac ttatactncc taactcccag ngggcctgaa tagacactgg 240
 ccagantttc aaagtagctt cttgaagatg gatggngatc tgtttagaat aatccattca 300
 cctgttctgt ttcaggggncc aaatcaatat cataaaaancn gggccgggtg gggantccag 360
 gggatnttgc tcatcggttcc tactaagggg tacagaaaac cagccccaac gt 412

<210> 1873
 <211> 231
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H10933

<400> 1873
 ttttttttgc ttttataaac attcaaccaa catgttcttt aataatctct tctttaaaga 60
 acaaaataat caagtacatg gcattaagtt aaatgtctct gcacatgaat ttccacctta 120
 taaatctggt atattaaatt gtgctgtaaa tagatttgta tattttcttt tttagagtact 180
 atgatagggt aaatggatg actataaaaa ggatttggtt ctttttgtct c 231

<210> 1874
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H11274

<220>
 <221> unsure
 <222> (1)..(359)
 <223> n = a or c or g or t

<400> 1874
 tttttttttt actgaaatga cttttaatat ctcatgtcgc agcaaaatta aaaatataca 60
 aaaagtgtgt ggtgtacaaa agagtctcag taaagaggcc ccagctcggg ccacctcccc 120
 ctccccctcc tggganagnc tcggaggggtg aatgggggtc agggggatga gggatggcac 180
 agatgtagta aataccagga ggtgggacca gggaaaagga aacagaagag gacaggggtg 240
 agggcccgtt agannnaag agacgacagg gaggggaaga atcacttcgg aattgtgctg 300
 acagagggag attagccctt tcaggcatgg cttagtgtt cctaggagtt ccaggggca 359

<210> 1875
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H11320

<220>
 <221> unsure
 <222> (1)..(533)

<223> n = a or c or g or t

<400> 1875

```
tttttttttg taacagtaat gcgaagncca tttattttgga tccatagtat agtcntttatt 60
tgagtttttac aaaacatncg aatataaata acctgaaacg taacaataca caaaaattgg 120
tttctttacac agacataccg ggcngtacaa actgaaaact tgagtaaatt aacattgttt 180
tacattaata tacatagtga ccatctaaca tttaaaaaca agtttcaatg catagcactc 240
gatacttctt tgaatctgtt tcaatcagtt aagagtatga aaatgggttag gatctagggc 300
taaaaataat tcttcttcta ggccaaaaat aaaggcataa tattttataac cgggtatcaa 360
ctttactaaa ccacaatatt ttgaaactat taatgatacc taagggtatt tacattaataa 420
ggcaacatgc attgtgttgt tttatctcat gactgggttat gcacacactt tgttcaaggg 480
tttttaaaac tatattccta ctttcaatnc agcatctgca atgtgtctnc agt 533
```

<210> 1876

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11739

<220>

<221> unsure

<222> (1)..(268)

<223> n = a or c or g or t

<400> 1876

```
tttttttttc cgatcaaaat gctttttatta gaataactaat aaatgcagat taaaaaaaaa 60
aaaacctcac acagaaaaag aggaaaaacac tcagaaatgt gattacagat taggcatatt 120
agaggaaaaa gagttcttca gggatatacaa antgtaacaa tttgccttgg gatttccac 180
agatggcaca gtccacatgg actcttttgg gaacaaaaaa atgtctatta agtctccagg 240
gatagcctct atgacatctg caaaggcc 268
```

<210> 1877

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11746

<220>

<221> unsure

<222> (1)..(372)

<223> n = a or c or g or t

<400> 1877

```
tttttttttt tttttgaagg cacacggctt tttaatagca gcaagtcagg tgcactctgcc 60
tcgagggggt accaagccat cataccattg tggcaaaggg ggcattgagga tgaggagaaa 120
gcaccaatnt gagggcatcc tcggtgtcca caggtagaca taaggcagga ggggaagctt 180
ccaacacatc tggatggcga cacccttggg catggcagac ataagatgtg agcccttgg 240
tgacacaatc agaggctctt tgagaggagg gggaggcaag gttggtagt gtncttcagg 300
gcactctngc catccaaatg ccacatgntt tggctcctnt agctgcaatt ggataggagg 360
catgttccat ct 372
```

<210> 1878

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H11760

<220>

<221> unsure

<222> (1)..(177)

<223> n = a or c or g or t

<400> 1878

```
ggttgagaag tgtttattgt aaaantggag tttntaatga aantaaaana ttatttcata 60
acattctgat accactacac ctgagttcga tgccagcatg gtttgaaagt gaagctgata 120
caagttttct aaaggatgtt aaaaaactat agtatgaaga ntgtantaat atttnag 177
```

<210> 1879

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H12257

<220>

<221> unsure

<222> (1)..(425)

<223> n = a or c or g or t

<400> 1879

```
tttttttttt acaattatta ttggangttg gatttcccc caggagactg taatattgca 60
aattagacaa aacatatata acaaagatag ctttttatct tcttaaaact ttgattagca 120
ggaaaaagca agccaagtgg ctggtccatg ctatagtgac ttctatggcg ccaccacact 180
taaattgctgc cacaagctt tggtaacatt gaagagggtcc ctttctgtat ggcacttggt 240
tggtctctcac acaagtgggg aaacattcaa tttgttgaaa atagtctgct tcgtatccag 300
gctgctaaaa gcatgttcac ttaanattca agggaatgct ttattctagg actttttgtt 360
tttacatttc tgaggttcac ntctcatgct catggataca gataagggga acgggggaag 420
ggaaa 425
```

<210> 1880

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H12593

<220>

<221> unsure

<222> (1)..(370)

<223> n = a or c or g or t

<400> 1880

```
cccaggctgg attacagtgc tgtgancaag gttcactaca accttgaact cctggcctca 60
agtgatcctc ccacctcagc ttcccaaagt gctgggatta taggcatgaa tcaactgtgc 120
tggccatata taatcttaat atactagaga tgtggcgata agacttggct tcactcttct 180
acttcataac atcttagtgc caaaataata aacgctgcat attgcaaat agccacctga 240
tttcaatcat ggggaatgtct tggcacactg ctgggcaatg gaaacatttc atgggtgagg 300
aaaattaagg ctgagggcaa gtgcattagt tttctaagtc taaaataaaa tcgacaagg 360
aggaaggcaa 370
```

<210> 1881

<211> 420

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H13532

<220>
<221> unsure
<222> (1)..(420)
<223> n = a or c or g or t

<400> 1881
gcgttcctga gtttatttgg ggcacacccg gacgagggcc ctgcacctag aagaaggntt 60
tgggcctctt ggggtgtgaag cgtggcttgn nctgacggcg caggncgccg tngggcagcg 120
ggaacttgan cttggagtcg tggaaactgt tgacagccgg ccggggcact ttgctggccg 180
cgatctcctc caccttcatg atctgaatgg agtgggctcg ggcgcggtgc cgggcaccan 240
tgtctcggta gcaactgggtg acagcgctcg cgggtgggtca ngccccggtta tccccggtac 300
atgttggtggg gtgccgctcc gggagtcata ggcgcaccaa gatcccgag ttttttcanc 360
cgcagggggg actttctcaa aacaactngc ccacagtaga caattttccc ntgaagattt 420

<210> 1882
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H13696

<220>
<221> unsure
<222> (1)..(423)
<223> n = a or c or g or t

<400> 1882
acagcgatgt acnaaacatg tatttggtga catggaaaaga ggttcacaat gtacagttaa 60
gtgcaaaagc agattataag aaaacagtgt gcatagtagg ataccacggg ggcaaaatct 120
atattctata tattcataga aaaaggccta gaagaaaata taacagtatt caccacagag 180
agtgggatgg ccaatgagtc ttctttctgc ttctattttc taatctttct acaatgtttg 240
tgtaggtcag ttttcttggg nttgcttttt tttttttttt ttttttttgag gcacaggtgg 300
ggncatgggg agtcacggct ctcatgctgc cngtcaagga ggcagtgagg cttgcctaca 360
gggggggtac tccccagcag gctctgctta aggaggattc tgggggnatg tcctgaggnc 420
ccc

<210> 1883
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H14372

<220>
<221> unsure
<222> (1)..(469)
<223> n = a or c or g or t

<400> 1883
tttttttttc acttaattat acatacgttt tattttaaaga aaagcaaac acacaaccac 60
agcatttcaa ttaaggagct tagaaaaatt tcaagtgcgt tcttggttct ccagttacca 120
ttccaataaa aaacttttta aaccaaagt aaatttaagt gaaaaagaaa gaagtccacag 180
taagcagacc gaacaatata aattcaaaat actactctat cttcttgtgt tcgttccac 240
caaagtgtgc tgtttaaagt tccacaacta ttatcttctt cctcttggtt ttagtgagt 300

```
tctacaaaaa cctgttccaa tgttgcttga ggaaaagcta tattcttcaa tgggcaaaag 360
catgttttagg cttcttccag cttaaaaaaa ggttgtggaa aggggggactg gaacatcttc 420
cntagggant tttntagggc naaataggag gaaaaacttc ccgacgggt 469
```

<210> 1884

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H14617

<220>

<221> unsure

<222> (1) .. (353)

<223> n = a or c or g or t

<400> 1884

```
actagaaaag aaagttttgt gtggtggttt ttctctctga aagggttggc ttataaacta 60
ttctacatga ctttcaaaaa aaaattccac atgccccttt gcaaactctaa tctttttcag 120
ccgggtgcag tggctcacgc ctgtaatctc agcactttgg gaggtgagg ggggtggatca 180
cgaggtcagg agatcaagac catcctggcc aacatcgtga aaccccgctc ccaccaacan 240
tacaaaaaan ttagccaggg tttgggtggc gggcgcttgg taggtcccag ccattcaggg 300
aggctnaggc agaagantgg gtntgaacct tgggagggtg ggagctgggc agt 353
```

<210> 1885

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H16098

<220>

<221> unsure

<222> (1) .. (422)

<223> n = a or c or g or t

<400> 1885

```
tttttttttt tttttttggg ggaaagatct ttattttactg atacagaaca atctgtgaga 60
tggtttagtc tttaaaaaat ggacaactgt gtatattatg ctaccatttc tttaaaaaaa 120
gaaaaaagaa aaaaaaagta aagagaagga ntcaaggatt gagaaaataa gccacagcct 180
gggaggaaaa tatttgcaaa agacctatct gataaaggtc tgttatataa aatatacaag 240
gaacacttaa aattcaacan taagaaaatg aggcaatcca attaaaaatg gggcaaaacc 300
tctaacagat acctcaccaa agctatacag gatgggcaaa catatggaaa aggatgctaa 360
attcatatat tattgggtgg aactggcagg atttaaaaca atttaattac cacttacata 420
cc 422
```

<210> 1886

<211> 571

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H16251

<220>

<221> unsure

<222> (1) .. (571)

<223> n = a or c or g or t

[illegible]

<211> 471

<213> Homo sapiens

<223> Genbank Accession No. H16768

<221> unsure

<223> n = a or c or g or t

tttttttttta	atttataaaaa	atgaaaagtt	tattttgtctc	atggtttctga	caggctgtac	60
aagaaacatg	gcaccaacat	ctattttctgg	tgagggcttt	aggctgcttc	cactcatggt	120
agaaggcaaa	aaggagctgg	catgtgcaga	gatcacgtag	ncaagagagg	atacaaggag	180
atttccaggn	ctcttttttaa	cagtcagctc	tcatagagaag	taatagagga	agnaagtcac	240
ttactactga	gagagtggct	ccaagccatt	ncataaggaa	tcaaccacca	tgacacacta	300
gggcctcacc	tccaaaaactg	gggaatcaca	tttcaacata	aggatttggg	aagggtcaaa	360
tatccaaact	ataggcattc	taccctggga	atgcctaaat	atcctgtcct	tctcacaagg	420
caaatattcat	tatttttattc	ccattagttt	cccgaaaact	taacttgttt	t	471

<211> 253

<212> DNA

<213> Homo sapiens

<223> Genbank Accession No. H17472

<221> unsure

<222> (1) . . (253)

<223> n = a or c or g or t

tttttttttat	nttaattgga	atcagacatt	taatggcata	aaaacattgc	atatatggct	60
ttgctgttcc	gaatgtcatg	aacttaaaat	ccaaatatga	cataagcagt	tttaagactt	120
attttggcca	gcctcccaa	tcccaaagga	gattttaaag	taataatgta	aaaaagttaa	180
ggtcaaggtg	ttttaaatac	aacatctcag	gctaatgact	aaccctttgt	ttcctggggg	240
acttctgctc	tac					253

<211> 245

<212> DNA

<213> Homo sapiens

<220>

[illegible]

<400>	1889						
ttttttttttg	cttttttgaga	ctttcaggca	gcaaaggcct	tctccttcca	gacaagcctg	60	
ggtatacaca	ctctggccct	ccaccacaa	aatgccccca	ggtgaggctc	ttcagtacct	120	
ttcggtgggc	ctcggagaag	atcagtagag	cggatccatg	atgtttgtga	tggaaatctcc	180	
aaggatagtc	ttctcccat	ccagcagctg	gctcaccaat	ccccgatttg	gacacatgtt	240	
qtttt						245	

<211> 462

<212> DNA

<213> Homo sapiens

<223> Genbank Accession No. H18412

<221> unsure

<222> (1) . . (462)

<223> n = a or c or g or t

aaggagaa	ggnatgat	gtaccaggnt	ggctgggggtg	ctggantggg	60
caagggaattc	accaaagaagg	tccatagggcc	agcctagggcc	tccacggccc	120
ggcctttgat	gacgcggatg	tggcggatga	cgtcctggat	ggcttcanat	180
ggcccccgat	ntccggagtn	tgcataattct	cattgtccat	ggatgccagg	240
ggatggangt	ngcataggag	tgcagcttna	ggtngtccan	catcatgcag	300
ngtgggccgt	gggggttgccg	atnttcttat	tggcgatatnt	cttnccggtn	360
ctntttcaaa	cancgcgtac	acatggccat	anttngcccc	agccacaaaag	420
ccgcaccagt	tccgcgnaga	cattttttgac	gatttttncca	ta	462

<211> 503

<212> DNA

<213> Homo sapiens

<223> Genbank Accession No. H18442

<221> unsure

<222> (1) . . (503)

<223> n = a or c or g or t

tttttttttt	tttttttttt	tttggcaggc	caaaacccta	gtttattttca	gcatcagcag	60
ttatcttagc	catcaaaaaa	ataaactcta	ccaagggtna	cggaagntct	acagcaaggc	120
taagggtctg	ccagacggna	ancatcaggg	gtgcatggtg	ggcactgcc	gggcaataag	180
ttaggaagca	gcagggtctg	ntntcggtt	tgggccgggc	ttcattttctg	ggcaggcatg	240
aggtcgtcga	tgcctggcc	ctgctccagc	cgtctctcca	tctcgatgag	cagcttctact	300
ccgtccacca	ccatctgcac	cagctccacc	tttgagaaag	cccagggcgt	tcagcgtttg	360
ggagacgtnc	gaaagcccc	cgnccaccg	cagtccgtnt	tccacaccgt	tntgtggcct	420
ncgttttttt	gnaagtctgc	agccttttta	aggcaccttc	cgagganttt	tttaatgttt	480
tgcccagggt	tggnaagttt	ttt				503

<211> 400

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H18950

<220>
<221> unsure
<222> (1)..(400)
<223> n = a or c or g or t

<400> 1892
tttttttttt ttttttgatt aacatttcttt atttcacagt attttttgatc agaagtctta 60
gaaatcatga ttcattctggg tacaaatccc atgagtttct ctttgaatga acctcttgct 120
tccagtccca tacaacgcat ctcccaccag cccagtgagg ttgtaactgt gattcaacac 180
tgagtgtcgc cttggaaagg aggtggagct caacttccaa ctgagagggc ctctccact 240
gctctcaggg aaatgcccac gattcactta tgctgtatca acaacaagtg cagctgggag 300
ctgcctttcc cagctggggc aagcgggtcc taggggggaa tctccaccct caggagggt 360
tagggaaagg ggaaggtntg aacgagttca gggggccngg 400

<210> 1893
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H18997

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 1893.
taagggttcat taatggtnnt ttttctgat tacaaaagca aaacctcatt ttttggctct 60
tgaagaccat ggagtatgac ttctaagagc aaacattaac atcagatttg tatgtctcac 120
tacaaaaaga acccatcact gatgtaagac ctactcatga tactgaagta gattttttta 180
attaaaaaat aaaagtagtc atttaaaatg gaggaattgt agatgagtat ggaaaaatcc 240
attcacaaag ttcactatct gcattttcta aaagantttt atgtaataaa atagaaaact 300
aatgattta 309

<210> 1894
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H19089

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 1894
aagaatcata ttttcataca gtcataactg tctttctgtg accctttcac agggcactgt 60
aggatggatt aaagggtggca atttactgat aactgcagat gtctctactt tgttctaaaa 120
tctaagtcac gaggtgattt gatttacttt atagaagctg gattttgaag atctaataaa 180
aaattttttg ataatatagt agtacaaaaa aagcaccagc aactgataaa aattgctttt 240
ttgtggcgct acccaactgg ttaaagccaa tgtgatcttt tatgggtgaaa ctccataaga 300
acagggtggt ttgctggaaa cttggttagac ccttaattat agtgggtgcta atgagcacta 360
ctgttaatat taaagccacc nttatttttt attcaaacat ctgaatacat ttaccaaggc 420
tattgtgagg gccttatttt gaggtctnat tttgagggtg atgttt 466

<210> 1895
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H19504

<400> 1895
 attaggaagc aaaaaaatgt acagttacaa gaatcatttt ccaaacagag gttaaataatg 60
 agctgaaaag tgtaaaaaaag gaagaggaac atcactttac aaatcattaa attaaacaaa 120
 taaacaaaca gaacccaaag aaccaacccc ccatgctgag ttctctcctt gtgcaactct 180
 ggcaaaatga ggaacaggaa aatgaagtgg ggccgtgg 218

<210> 1896
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H19562

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 1896
 gcgatgactt ctgcgctgac ccaggggctg gagcgaatcc cagaccagct cggctacctg 60
 gtactgagtg aaggtgcagt gctggcgta tctggggacc tggagaatga tgagcaggca 120
 gccagtgccca tctctgagct ggctcagcaca gcctgcggtt ttccggctgc accgcggcat 180
 gaatgtgccc ttcaagcgcc tgtctggtgt gtctctcctc cagtggctctt tggagaacac 240
 acactgctgg tgacggtgtc aggacagagg gtgtttgtgg tgaagaggca gaaccgaggt 300
 cgggagccca ttgatgtctt gagcctgccg gaggcgaagg gggtcggaga agcggatttt 360
 gggctcctggg gcctctgttg atgaaggcaa gncaaaaact ttccgggt 407

<210> 1897
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H20543

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 1897
 tttttttttt ccatgtatta tagtttatta actttctttt tcacgctcac tgggggttaag 60
 gtgcggaag catttcacag ggagtcttaa aaccaaatta ggattgccag gtaaaggctg 120
 cacaaggaaa atgccttatt tctgaagccc agagctggca ggggagggca tgaccagg 180
 actccaccct cctgcaaagg gaaagggcat gctggagagg catggggacc cactccaact 240
 cactctgggt gctgtctgta gttctggaag cttggtggag gatttcctgc tcaacttaga 300
 ggggtggcca atggggccag gncgggnaa ggtgaggggt ggaagggcag aaggaagtna 360
 caaaggccac cttcagcaca gcagtttaga ggaag 395

<210> 1898
 <211> 473
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H20627

<220>

<221> unsure

<222> (1)..(473)

<223> n = a or c or g or t

<400> 1898

```
tccgttgtgt gatcacagat gctatttctg ttttattggt gattatacga gacttctaata 60
acataaatga acgggtattg gtgcctcttt attttaaaaa atttgaagaa aagagccacc 120
tcatattcat aggggtgtga ttttttgagt gtgagcattt aattgaaaat aagaaagcta 180
tgaagtaaat gttaacttct ctgtagcagc taatgcatag agacactaaa acccacacca 240
cattttgtgg gaaatgagga tcttgatcct cttttgtcct ctccaggtag tctcgcagg 300
tatgcagctt aagttcagtc ttctttatgc tgcgattgat ttccacctca gtggccttagc 360
ctttggggac agtgggatac tggcaacagc ccaaggaact cttgggttat tccgcacaag 420
ctgctgggta ggantacatt agccctcngg tttttccagg ttcaaccccn gtt 473
```

<210> 1899

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H20989

<220>

<221> unsure

<222> (1)..(449)

<223> n = a or c or g or t

<400> 1899

```
ttgtttattg acatacaggt aggcctctata gcaacaggcc tggnggtntct gcagtagtgg 60
gggaaaatgg angncggagg gtggggncag gtncaaaactg gagaggccta gagagctaga 120
gangcaagta aggnccaggg cagantcggc ttcaatggaa caacagccca gtgccctaag 180
gcccctaact cttgctggct gtttcttgac cccaagccag gggtgggagt cctctgggca 240
tccatttttn ctaaagganc tggacagagt acacacagga aaggaagctt tcaccctctt 300
gccatctggc tccaggggac tccagtccag cattcctcct tcttcccttn attgggtggg 360
gccacatgat gggcagccag gctctgggct gttcccacta gagcaggctg caaacacagc 420
catttttcag tgaggcttga tcttcttna 449
```

<210> 1900

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H24077

<220>

<221> unsure

<222> (1)..(406)

<223> n = a or c or g or t

<400> 1900

```
tttttttttt tttttttttt tttttaacag aaaaccggac aattnttatt tatttttaa 60
aagaagtcata aatactatta ggaatagaga gcaagatata aaatcatatc aaccctttta 120
gataaataca aaggacaaat gaaatacaca aaaaacanta tatttttaaaa atccactgtt 180
agtttttnga aaaagaattt ngacagtttc cattangnca ctacatccca ctattccatt 240
```

```

tttnggaagg acagatgctt gagggccatag gttaccagct cttgtttggt ctttaaaaaat 300
gcaaggtaag ttgctaacat tttcaaataa ggattttcaa cataactctg gacaatggcc 360
acgggacaca cagtttgggc tccttggtac acgtaccngg gggggga 406

```

```

<210> 1901
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H24081

```

```

<400> 1901
ttttttttgc aacattttaat acagttttta tttgtttaat ttggtaaagt tagaatgtaa 60
tggtttcaag gcaaaccctg gactacttca gtcacaaccc aatagttaac atgattctga 120
agaacagtct tatctgcaat atctaccac ttctaaacaa acacatctat agaaatccat 180
gtacatatat attagttttc aacaagtcag gattttcaac aactctaaaa tttcaatttt 240
atattctgga acacacttca aaattatcca cttgatgtca gggatataac cataggggag 300
gataaaattt catgccaatg atactcaggg tttttttttt taaagggtaa atcccaatat 360
tttgatccat tccatggcta ccataa 386

```

```

<210> 1902
<211> 449
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H24269

```

```

<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

```

```

<400> 1902
tttttttttt tgtcataata aactgatttt attagaaaaa ggcactttta tgccaactgc 60
tggaaacacg catagtaa at catttgcac aaccaaacac agtgccctcc agggggcagn 120
gggagaagaa gagtaggaga gggnnatagt tnttggtta acaaagaaga gaagagcgag 180
gancggncca ggggangtag ttagggtcaag tggatggttc tntaccagg acacagcaaa 240
ggtcctcagg cactgattca cattacccaa agttcaccag ataataggag ttgtttccgt 300
gggctgacat ttcttaggcc ttgccctcaa acttgggcag ggaggggagg gcaagcttcg 360
ttttaaagga aggggagagg gggagggagt ttccngggca atttgggcct aggggggtttg 420
ggnnttgagg agagatttag gtttgaccc 449

```

```

<210> 1903
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H25124

```

```

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

```

```

<400> 1903
tacagattta ttaagcctga tgtagaaaga catttaacag taacatctcc agaaagcata 60
aaaagagcac ttctattcag tcttgtgctt tgaaaagcta aatatatttt tatcatataa 120
ataattcttt tcatgtttta agtgcactct tgtttttttt cttctctcct ttaattttca 180

```


[illegible]

```
<220>  
<221> unsure  
<222> (1)..(232)  
<223> n = a or c or g or t
```

```
<210> 1911
<211> 429
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> unsure  
<222> (1)..(429)  
<223> n = a or c or g or t
```

```
<210> 1912
<211> 402
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> unsure
<222> (1)..(402)
<223> n = a or c or g or t
```

689

actcatcttt gtctgntccc cgntggcctt tcagtttttag gtgatccatc aagggggggt 360
atgggggngg ccaaggtgga acagggggga ttgaggggta at 402

<210> 1913
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H29565

<400> 1913
tttttttttc ctaaaaaatgt tttatttttaa caaaatgctc aaatatctga aattgggcaa 60
aggtggaggg tgggcaagct ggctgagggtg tcccagggtct gtggctgcct agctgggtga 120
ggggctgggtg agcagctgct ccagacaccc tggacttcct ccaggccccg gtagcccgct 180
tcagacccccg gggaaggcag cggcaggact ccagggttgag gtagagcagg cccgggcagc 240
tgctgatcac agagctgaca gtgcttggtg tgacccgggt gccctgagg ttaagagagc 300
acagggtctg gtttgagccc ccagggtgct ttaagaaggc agccagg 347

<210> 1914
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H29568

<220>
<221> unsure
<222> (1) .. (439)
<223> n = a or c or g or t

<400> 1914
tttttttttt tttttttttt ttttttttgg agctttccgc gggagacaga gcatttaatg 60
agagcaagag ctggacagtn tggtcaggaa tcgtccacc caaggaacca gacacatact 120
cggtccttga tgggggtttcc tgaggctctc atactttctc ctgcccctgga aaatgccatc 180
caggngctca tctctttgct actgcctctc ttccagagca gcacaagaag gaaataaaat 240
ggacttgccg gggaaaagaag atgcttgctc ctcattgtctg tctcttacag gggggcttct 300
gaagattccc acagcctctc tggganttgt tgccccactt tggggtnntt gtccgagtaa 360
cttcaagtag gattgggccc acgggcaggg ggttntttgc tgagagatca ccaagcgttg 420
ttcaatttca acgatacctt 439

<210> 1915
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H30270

<220>
<221> unsure
<222> (1) .. (324)
<223> n = a or c or g or t

<400> 1915
gaaatcattt nntgntcttt aatcatagca aatgtgtttt tacggtagtc ataaaaatcaa 60
cattaccaca tatacaaagg acaagacacc agtttggcat acaaaaatac catatattaa 120
aattgggttc attggaaaac tcaggactgg ctaagacacc atctataaca gagagagcaa 180
gcaagantgc ttttaaggac attcagattt ataaacaggc agcttgatat cccctttacg 240
aggtcaatat ttgggcaaca tttggggcca atatttttct acacagcccg gcagggtcat 300

ttatctgtag ggggctatatt gggncctta aaa

333

<210> 1916
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H38240

<220>
<221> unsure
<222> (1) .. (390)
<223> n = a or c or g or t

<400> 1916
atctttantta aaaccttttt nacaatttat tncctgttgn naancctttaa aaatgaggtn 60
ctagctaagt gcagggtttc agtggtgaaa ttttgaccat gtgaacacat aaataaatat 120
ttacagtctt tggcaaaaca catgacgttt catcaacctt tacgataaat ttgttttagaa 180
aancataaat aattttacaaa aaatatggta cattctaaat attcacatca tcgtcactcc 240
cacaccattg tacgggttgac cccacaacac agaaacagga aaacctgcac gctgttgaca 300
gtcgtacat ttnatgaggt atcccaacgc ttcgttggtc tcgggganta caggctccac 360
aggcaaaaag gtaaaaagtg caggcaaanc 390

<210> 1917
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H38246

<220>
<221> unsure
<222> (1) .. (442)
<223> n = a or c or g or t

<400> 1917
antctaantt ttgttttaatt tggacccttt tcagcctggg gctccccca gccccaggc 60
cacagcctgn aggtgtctct ggccagccac agcatccagc tgctggctgc cagatctgtc 120
cagttgcca gaggaagaag ggtgggtggg cagaaggaag gggctggaga cagatcatca 180
gccttccac ccaccccggtg tggncncctc cctgtctcca gaaaggtggc ccaggggagc 240
cagtcacgtc accccagaaa tatccaaggc actggcgggg gggcaaccct tnacagccag 300
ccccgcccg ctatgtggct gttgtgtgcc tggtgtgcag acgcccggcc acccngttcc 360
gagggccatc agtggggggc tggncctggg ccttcagtt gtcccttttt tagttgcaga 420
ggttncctgg gccgccgccc tt 442

<210> 1918
<211> 366
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H38568

<220>
<221> unsure
<222> (1) .. (366)
<223> n = a or c or g or t

<400> 1918

[illegible]

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H41084

<220>
<221> unsure
<222> (1)..(395)
<223> n = a or c or g or t

<400> 1924
ttatgttttaa tcagcattgt ggaaaatgca acaatatctg ttcattggnac ttgagaaccc 60
cagagtgggn aacagcaggt gnggnatgtg gggagaagaa aggaggagg tctggagagc 120
ggccataggg gaggcaagtg tgaggagcca ggagtggggg ccctgggctg ccctagacag 180
ggacatgcgg gcaccccggt gggtcttttg cggctcacag gacaatggca gtggagggtct 240
gctccctaga gggcgaaggg ggcactgaat tctccccag tagcctcttc tctgatcctt 300
cctcattcag gggctgggag ctctggccac acaagtcttc aagacctact nccaaggaaa 360
ccaaggacac aatgacctta aagacacaga cagcc 395

<210> 1925
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H41280

<220>
<221> unsure
<222> (1)..(404)
<223> n = a or c or g or t

<400> 1925
gagggttaana aataccatt tgtgggtggn tttattgtta aaatgattaa acatgctaaa 60
atcacatgga gtggtatttc cacttttgcc ctgactccat agtggggcaa atgggaacta 120
caggagtcac ttggtttgtg tggcctctgg ggatgggttag acttgagggg ttagcggtga 180
gcagggttagc aaagcccaa gcacacctca ttagtagacac ttttcccagg cagtaaaaaa 240
attcagagat ttcccccttc ttcacttttc tttcctccct atatgtgccc tactttctcat 300
tctcctatgg ccctggggac ctcttatgct tctgcccgtt atggggctta gnctaggatg 360
atgagggagg cttttccttg acaccagcat tccagtctcc cctt 404

<210> 1926
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H41529

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

<400> 1926
ccagggggag atgagntcgn ttnacgtgct tcagcaccgn gcttcaggga gctgtcgtag 60
cgcacgctca ggttctggat ctggatcttc ccttgggtctg gccagttctt tgggatcagc 120
gatggtgctg ggggccgggc tgggctcagc accaggcatg ggccacagct agtatccgaa 180
agtgccaccc catccccagg ctcccttgtg gcccccaacc cagacacact cctccttgga 240
ctcttcccca cccctctccc tgagcctctc acccaggagc ccctcgtagc tctctgcctc 300

ggtttttcagg agcccatgga tgcgcttcac agcccccagc tgggagctcc atgtctgcc 360
gggttcctca ccatccagtt gaggtagttg ggagacctgt gggggagcaa gcc 414

<210> 1927

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H42053

<220>

<221> unsure

<222> (1) .. (360)

<223> n = a or c or g or t

<400> 1927

ttccacttct ttatttcagt ttatgtgaat attagagcta cgcnnacaggt gagatcagan 60
taaggcccggt taacaatgaa actgaagcag aggacttagt cctgatttct gtctcttgct 120
ttctcttttc tcttttttta atatgcaaac aaaaaaatgc aaaaatgaaa atgacaacac 180
aacatcagaa agacattttt ttaacttcat tcgtacaac agtcacgaac tgggttgaac 240
tctacctgcc atccaacttt aaggaaacgg aggaccggg cactgtggaa aaaggaaaca 300
aaacccaaac aaaacantgg atacaaggca actgcggtt taatggtaaa aatggggggg 360

<210> 1928

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H42321

<220>

<221> unsure

<222> (1) .. (368)

<223> n = a or c or g or t

<400> 1928

taccgggncc tttctanttt tatttggggg cacacccgaa cgcagggccc tgacacctag 60
caagnaaggt gttggggcct cttggtggtg aagacgtggc ttgtgctgac ggcgcaggac 120
ccggtgggggt cagcggaaact tgatcttgga gtcgtggaac tgcttgacag accggccggc 180
ggcacttgct ggcccgcgat ctctccacc ttcgatgatc gaatggagtg ggctcgggcg 240
cgggtgccggg caccatgtc tcggtagcac tgggtgacan cgctncggg ggtcangtcc 300
cgggtattccc ggtacangtt gtgggtgccg ctccgggagt catagcgcan cagatcccga 360
agttcttc 368

<210> 1929

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H43286

<220>

<221> unsure

<222> (1) .. (380)

<223> n = a or c or g or t

<400> 1929

```

cctattttgca cacgtccatg tttatccatg tacttnccct gtgtaccctc catgtacctt 60
gtgtacttnc tncctttaa tcatgggtatt cttctgacag agccatatgt accctaccct 120
gcacattggt atgcactttt cccaattca tgtttggtgg ggccatccac accctctcct 180
tgtcacagaa tctccatttc tntcagatt cccccatct ccattgcatt catgtactac 240
cctcagtcta cactcacaat catcttctcc caagactgct cccttttgtt ttgtgttttt 300
ttgagggggg aattaaggga aaaataagtg gggggcaggt ttgggaggag ctggtttcca 360
gtgggatagt tggatgagga
380

```

<210> 1930

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H43646

<220>

<221> unsure

<222> (1)..(301)

<223> n = a or c or g or t

<400> 1930

```

aagccnttgc atcatttttta ttttcaataa aagtgaattg tcttttataa aaccatggcg 60
tcctggnaaa gttgcatcac tggggcggtc tctggccaag gaagaggctc ttggtggaga 120
ggactntgaa gccntcggca ggtntgcecn cggttgtgct gtcggcgctg gctgccttac 180
tgacttcacc ctgcttcttc ttggatttcc gggccccctt cttgcctcct gcttttttag 240
atacaggctt cttctgggga tggagacttg gccttttttg ctggggggtg ggtgtgatga 300
t
361

```

<210> 1931

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H46001

<220>

<221> unsure

<222> (1)..(365)

<223> n = a or c or g or t

<400> 1931

```

acgagtgaat anntgccaca gctccaggac ccaggagcgg gctatatact atcctcgaca 60
ttcagggccc agccggcacc tgaaactgcc ctggggatgg gcctctcctg gccaggccgg 120
ggcaaacgcc tcagcctccc ctccccgggt ccacatcggg ggctggagag ggagtggcct 180
ctctccactc caggtgctgc cttaaagaaa atgggggacc atgcccacct ggcgggcctn 240
tggaggggtc tgctgtctg gccgtctggc tctcgagctc ccccaacttc tttagtatta 300
gtaagtcagg aagaaaaggg gcaaagcagg aaaatgcctc ccagagcccc ttccccggag 360
ctgga
365

```

<210> 1932

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H46486

<220>

<221> unsure

<222> (1)..(397)

<223> n = a or c or g or t

<400> 1932

```
gcaaaatgga aatctagacc tccttcttca tccataagtg gactgtgcca gtacaataca 60
tgccctcagcc cccaagccta gaaggacctc tagtctcctt cctgtgtgga atcttcccca 120
ctccatccct cccaagttgc ctgtattgat aatgtactca ctcagtctgt actaggtgct 180
gaagcctggg acacccttgg tgggggtggg cctgtgggtg atgggtttgc atccttcctc 240
ctttgtccca ataaagtatg gggagttgaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300
aaaaaaaaaa aaaaaangcg cggccgnaag cttntttccc tttagtnagg ggttaatttt 360
tagcttgggc actgggcctt cttttttana acgtcgt 397
```

<210> 1933

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H46990

<220>

<221> unsure

<222> (1)..(450)

<223> n = a or c or g or t

<400> 1933

```
taatcatgtg atgattttatt tatattctgg gaaaatattt attttcaaact actcatatgc 60
aaagaaagga atcagtttga gaaatcctga cctcaaacia ttcgaaatct tgtttgaaaag 120
cgggggggttc aggggtgtct ccacacactc atgagcgggg aatgacacag agtttgtaac 180
gtgggtgggat acagccaaac ccaatatgta tagggctgag gtcgatatcc tttgggtcaa 240
cgagaggctt caaattaaaa tgctgcaaaa tggcacacaa caaaaagaaac aactccatgc 300
gagccagggc cttctccagc acacactcgt tttcngtggt gaaaatgggc ttgaaatagt 360
cactgtactt gaactttccn ttttcattnc aggaagtgtt ccggcttaaa cttttctggg 420
tccaggaat tcttgggtgt cataccaaac 450
```

<210> 1934

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H47357

<220>

<221> unsure

<222> (1)..(407)

<223> n = a or c or g or t

<400> 1934

```
tagagacggg gtgtcaccat gttggccagg ctggnctcaa actcctgacc tcaggtgatc 60
cgcattgcctc agcttcccaa agcattgtct tttattttnt attgttattt tntcaacatc 120
taagtattta ttaagggtgag tttttacaaa caagcatcta tcccagtgtg cgggggtgagg 180
atgggagagg agagtggggc agcaggaaga tgaggattct catcttttga taataaagct 240
ccagggttca ncccattgtg gatttcatag tccccagag acacatgggc cttaaaaatt 300
gtgtaccact tcttcaggac aatcttgttc caacgggggtg ccagtttagg gctgcaatca 360
gcttcttaag ggtccccgat ggnatcanc cctgttggca ttttaacg 407
```

<210> 1935

<211> 434

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H47391

<220>
<221> unsure
<222> (1)..(434)
<223> n = a or c or g or t

<400> 1935
gnttgccact ggaaaaccat gaaatgggga taattagtta actccaacaa tgtgagttgt 60
tttatgtgta tatcagatga caatattnnc tgaaaaaata cccataattc actctctata 120
aataaaagctg taattcttgg ctataagaca gcagaccttg gtgtgagtat agtcccagaa 180
ttaatcatcc tttgtgcata caactcttta gcaaagctta tcaatttaag cagtctactt 240
tgggctcaga ttctaccagc ttacagctca ggatcaggta tctgatgctt tatttaattc 300
ctnctcaggt atatgcta atggnggacac tttgggaatt cattctacac ccttggaaaag 360
gataattcca ttttttaaaa aggtaacagc tggctttcat actttaaata aaggntgggg 420
tttctatttg gact 434

<210> 1936
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H47838

<220>
<221> unsure
<222> (1)..(319)
<223> n = a or c or g or t

<400> 1936
tctanagtnn ccncttttta ttacataatn ccttaccata aacagctggt gtaaatncgc 60
aaaatgcggc atttggtgac agtacctaga gccactcatt cattcgtnca acagtgttta 120
ttgagcagct gagctgggaa tgagaggcta tgtttgncgt ttttgacacc cctccccttt 180
ctgggccatc gcctaattac cgtggagcaa acggaatgca tgggttgat ttctaaagg 240
cacaagcaga aatttattga aaatttgga ggcaggaaat ctttaatgta cttctgacca 300
cccttccttt tggtgagta 319

<210> 1937
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H48459

<220>
<221> unsure
<222> (1)..(415)
<223> n = a or c or g or t

<400> 1937
ntgantggaa ggagtaaaac tctttattca tagaacacat gactgttgat gtaatttaca 60
aaaacaccat gagaactcac agtttagcaa ggctgaagga tacaagttca acatcaattg 120
tatttctatt tactagcaac aagtggttag aatttgaaat tttaaaatac catttagcat 180
caaaactatg aaatgctgac atggtagacc tgtacactga aaactacaaa agattattaa 240
gagaaataga agacaaaaca ttaataccta ggnagacag accttgttta tagggccaga 300
aggacttcaa tattattaag gntggtcaat tctcccaaca gttttattat aaattccaat 360
ggcaattctc aattcagggn gccccacggg gggttttttg tggtgggtgg tgtag 415

<210> 1938

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H49415

<220>

<221> unsure

<222> (1)..(394)

<223> n = a or c or g or t

<400> 1938

```
tacacagttt tgtttgctat tttcagggga aacttaggca ttcaactata agctgataaa 60
ataccatacc taaaaaagta taaaagtata aatatcccct tagaataaat tttagtgaat 120
tgtcttaata tctttaaatt taaaaaaaaa acacaacaca ngcctatcta ttgtatcaag 180
gncaaaaatc aaacaatgct aagggggccag cagctcccca gagngtacac cctgagggcc 240
cacagtggct gccttcctcc agagctctgc tggggaggac aggtcatccc atgggctaag 300
tctgccctct nggaaaggct tttataaatt gtctaaggcc aaacatttaa caggcataca 360
aggggacctt acaaagaggg aggtgggtaa gtcc 394
```

<210> 1939

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H49417

<220>

<221> unsure

<222> (1)..(443)

<223> n = a or c or g or t

<400> 1939

```
tttatttaac acactaaggt aaatacatat cacatataaa aattgtccta taatacagcc 60
agtgggggaa cataaaaaata aatgcataac tttttaaaag gttcancna atgtggctct 120
aaaattacct tgtgtatcca agagtctaca tgggtatgtt tggaaaatgc cagggttatgg 180
tagctataaa ctgtccaggc acatgggagt gtatgcgtat gtttgcgcac gcgtggattt 240
tcggaattac aaaatctgtt tgggagaacc gtgttccact gagttgacct ctgtagcctt 300
tctaattattg ctctgtttga ttaacagatt cccttctaca ccccgatagg agggagtcta 360
ctttaagact tcaccagggt nccagcctgt cccctgnctc ccccgaaacat tgccgggttc 420
cgggtcccng ggggttggcag taa 443
```

<210> 1940

<211> 318

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H49637

<220>

<221> unsure

<222> (1)..(318)

<223> n = a or c or g or t

<400> 1940

```
tttatttatct ggccatagta tttgggnaca ttatcaggta ccgatttaac accatgtaac 60
```

```

ctctcttgac acagagcaac ccaaaaagaa aacttttaaaa tgtgcgacag aattaaatat 120
caagctttgt catctaaant gtataaatat aaantatcag tcatttctgg aaacatctta 180
ngaaaatccg gcaaccacat gtccatgagt aggtgtctga tgttgacggg gcttacattc 240
agaacatatc acctcagaat ccaacacatt tntttttatg tctttnacca acacatgttt 300
ggcatatact gaacagcc                                     318

```

```

<210> 1941
<211> 452
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H51340

```

```

<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

```

```

<400> 1941
gggcttctct tggccatggg ccccttcctt ctggaactgt gatgtagtca catcctacag 60
ccttttagtgc tggttcacta gtgtcagata atccttggaa tcgagactgc cgtggcgaag 120
gggtggcctc ggaggcaggc tctggagctg cttggatgtc tttaggtggg gtggtggctg 180
gctctcttca gcatgtaatt ggggaaaacc tcgctgtctac taggggtgat acagatgggtg 240
attttaaaga gcaaaactag acttctatgt gagaagtgtc ggaaaatgat ttaggacatg 300
tgtaaagtta gatggaaaga ctgtaaatgt ttaatatgaa tanagtgtnc ttttgaagta 360
aggccagctg ttgaacgggt aaactgtggc atttgcgcan tttgaatgtg ttcatgtgat 420
ggtnaatgta tgnaaatggt taaataaaat gc                                     452

```

```

<210> 1942
<211> 266
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H52251

```

```

<220>
<221> unsure
<222> (1)..(266)
<223> n = a or c or g or t

```

```

<400> 1942
tttttaaaac acaggctatt catgtcacat aaatatcttc aactgtaggt tagctgctta 60
tggtcagcag aattatcaag tgtgactatt aagaataact tagatactgt cacttatagg 120
aaagtctaaa gctctaagac tcaccatatt aaaatttcag atacttgaat actggttgcta 180
ttttgctaatt ttcaaaatat ttcttcatnt cctgcaatgt agntataag tngttagtaa 240
tcaatattca aataaangca acatat                                     266

```

```

<210> 1943
<211> 449
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H52673

```

```

<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

```


<220>
<223> Genbank Accession No. H53829

<220>
<221> unsure
<222> (1)..(345)
<223> n = a or c or g or t

<400> 1946
aataatctcc aagataaatt gaatccttac tatatgccag acacagaact actctattag 60
gtacttttgct aagtaccttg gataacatta ctttaattttt acaacagccc ctatgagata 120
gatattacta ctgccatctt atgatgagaa aactgaggct cagagtgggt aagttctcat 180
aacttgctct tgaagctaaa agaggcagga tacaaagcca gggctctccc aactccagag 240
gctgtggggg tgcccagcat actctactgc ctccattgca ctgggtattt aggtgctttt 300
atataggggtg caaaccaagg gctatcagng catggggggg aaggg 345

<210> 1947
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H54285

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 1947
gtgggtttttt ttaatgcaaa atataaaatg ctggcttggg aagaagattc tcttccaaat 60
cttgaacaca aaatcttcaa atgggttagtg atacaaatat ggcaactgag atacatcttc 120
cttatagcaa atgctaattgt cttgtataca tcattgccct taaccttctc accaccccag 180
tgagtataaaa tttttaactc catttatcaa tgggctcaga gaggtcaatc aataacacac 240
agggaggaaa ggggacacga ttggaaccaa agccagagct cttaacctcc atgctgtaga 300
acgggaagga caagctaaaa agaaaccatc cacgggtgac agtttctggc catgccgagg 360
gtaggacctg tgggaattgt gntggaaaag tataggatag tnggcgttac cgacactggg 420
cntttaccaa aggggaa 437

<210> 1948
<211> 154
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H55437

<400> 1948
gtctgatctc agagctgaag ctggctgtgc ctggggccac atcgagacca aagcctgggg 60
ctccctgcag ggcctccag ttctctgctt gcacggctgg ctggacaatg ccagctcctt 120
cgacagactc atccctcttc tcccgcaaga cttt 154

<210> 1949
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H55759

<220>

<221> unsure
 <222> (1)..(467)
 <223> n = a or c or g or t

<400> 1949
 attttttccat ttgcagtttg ctgaagctgt ggatgcagaa cccatgaata tggagggcca 60
 actgtatttt gttaggcagtt gaaaacattg ccctggagct caggagatgg ctctggctgg 120
 agaattcatg ccaaggggagc ctggcatttt cgctccgtcca cgctcctgag gtcctcctca 180
 aactccactc ccacatcaaa ctgcacagtg tagtttcgga aggtgctgag cgctcctcacc 240
 gtcattgtggg tgccctggggg gttcgatctc cttgtccggc ttcagcagag cgcgatcttc 300
 cgcacagcca agctgatgtc tgtgggggct gcttagggct tgcaggtagt cctccatgtt 360
 cttctgcgag acaaagcggg agtagccagt gaggttgggg aggcattttt tggatgaagg 420
 ttcaggagaa tgcaggagac agggtnagga aggagggttt ttttttn 467

<210> 1950
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H56345

<220>
 <221> unsure
 <222> (1)..(400)
 <223> n = a or c or g or t

<400> 1950
 ncccttgact ttatttatct tcataagnca caaaatgtga gtgcagagat aaatgtctgt 60
 gtgcatgtgc cctgagcaac aggggtggcat aactcggcac actcataatg acacagccgt 120
 tcacccagcc acagntagtg acagggcaca catggcgaca cccacatgta cggngntaan 180
 tctccccac catgacatgg gtagacagaa aacacgccgc agtntactct agtntgttta 240
 cacaaacngg gagacaggcc cgtgcantgc atgttcacca acacccacan tcagngtgac 300
 atctgctgga ggggtgttcag gacacaggcc acccaccgtg gacatggccg agntttcaca 360
 tttnttcaca tggacacggg ttgggtttgcc actttcantg 400

<210> 1951
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H56584

<220>
 <221> unsure
 <222> (1)..(463)
 <223> n = a or c or g or t

<400> 1951
 gcagttccag gctttttctcc agcaggagga gacttggctc agactgtcca gcaagtgggt 60
 ggcccagtg aaaccaggga attcctgagg gcctggcctg gcctcctctc ttcccacccc 120
 acctctagcc actggacata ctaccttttg tgcaactaag ctaaacagag gatttccaag 180
 ggtgataact ggggactggg ggccttgaga tgaggaattt tagaagatat atgaaggcct 240
 aaaagatcac tatctttcat tcagggaat cagaaactac ttctaggcag ggggaggag 300
 gcaggcaggg gaaagtagga aagggcctgg ggcagagctg taatcctcag aacttgctcag 360
 ccttcagttc ccccttgtct gaactgaggc actgccctc agagtccctc cagagccaag 420
 acaaaacca gacagcagga ccagggnntg ccantttttt ttt 463

<210> 1952
 <211> 248

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H56965

<220>
<221> unsure
<222> (1)..(248)
<223> n = a or c or g or t

<400> 1952
tttatatgat tgnaaactna tgggtccccag attgtatgga aatgcctagt ggcattaagg 60
atgcggtagg atgtccactt ttagtagcaa ccgatgttca ttcactactc catgttaggt 120
gctttacttg gattatctca cttaaaaacc acaacatttt atctctgttt taciaaggaa 180
gaaactagag gcttaaaaga tttcagttat ttgacaaaga tcacaagcta gtgggtgtga 240
catgggga 248

<210> 1953
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57056

<220>
<221> unsure
<222> (1)..(415)
<223> n = a or c or g or t

<400> 1953
ntggatgtac aaaaagaaga tattttattg aggaagtgtc aatgttttta catacatgca 60
caatgcttac acaaattcag cttcgtgata atgcactttc atggagtcaa atttgcaaaa 120
atgcataaaa tganntagaa ctttctaaac atctttatac aatttatacc ttcagtatta 180
aaaatggact gaggaggccg ggcacagtgg ctccacacctg taatccctga ctttgagagg 240
ctgaagtggg gcggatcact tgaggttagg agttggagac ctgcctgggc caacatagtg 300
aaaccctgtc ttaggtgaaa antacaaaat ttaacacttg agcccggggg gcggnagggt 360
tgggagtggg ctgaggattn taccactggg cactccagcc cgggggtgac aaagt 415

<210> 1954
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57060

<220>
<221> unsure
<222> (1)..(391)
<223> n = a or c or g or t

<400> 1954
ncagaaacat tttattgaca acagttccca acagagtctt tgggggtcttt aagtggcagg 60
tgcagcgtcc acaggcagag tgagggtccc tgagggaacct caccctaaat tccctaaccg 120
gccgaggacg canccccagg cccctctcag gtgggcatgg cagtcccggc agcaccctct 180
ctgagcagcc tgctgtgggg aagaagccgg gccggaagcc tcagtctgtg tgccagccca 240
gctcatgctc cccgccccga ggccccagc ctntgggaag cccctgcctn taagggacag 300
ctcgtgaaga cacaggaaca gtggttgggg gtgaggggtc agggaattgg ggcagagggt 360
ngcttnagca canacctgac ttccctggga g 391

<210> 1955
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57166

<220>
<221> unsure
<222> (1)..(459)
<223> n = a or c or g or t

<400> 1955
gcggagtctc tccatgttgc ccaggctggg cttgaactcc tggcctccag caatcctcct 60
gccttggcct cccaaagtac tgggggttata ggcattggcc actgtgccag atattttttg 120
aaatccatat tttcttgaca tgaggtagct ttttagcagc atttcgggtg ctgttcccca 180
aacatagtgt tgtttggcat gataccagat tggaggatat cctagtcac taggagaatt 240
atattttgtt gcagttgaag gtgctgttct agatatacta atgcagtggg agagaaataa 300
agcaatttga gaagaggcag cacttttata ggaaagaaaa taggataccc aatcccattg 360
ctgatcaatt tcctcctact taagcaacat taggctgatt ttaattttcc aataagccat 420
taattaccna atttagggga ccaattccaa tttactggn 459

<210> 1956
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57709

<220>
<221> unsure
<222> (1)..(374)
<223> n = a or c or g or t

<400> 1956
gcaattttat aactttatct ganctgacga tcagcgatta gttctcatcc acattgactg 60
tctgtaganc tgtaaaggaa gtaacagtca atttccatac ccacatcaca tttcatatct 120
caactctaaa aaccttttgt agacgggtct gggcattcta tttccacaa cctttttaca 180
tcccagatat gggancagtt ttgcattctt taggcattctt cccacaccaa caatttaaaa 240
aggggtacaat gacgtgtgtc acccctaggc ttaacagatg aattcacatt ttaagngggg 300
aagggtacatt tttctaataa atttaaatgg gctttatggg gatgggngga acttactttt 360
ggaaaggggg gaac 374

<210> 1957
<211> 151
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H57816

<220>
<221> unsure
<222> (1)..(151)
<223> n = a or c or g or t

<400> 1957
aaaaaggcta gaattaagct tatcataaca naaaaagana atagatatct tacatggaat 60

gcaagagggg atatagttac taaccataca gaaattttta aatgtaattt tagagcaata 120
aatttgaact tttttataaa gacagatttc t 151

<210> 1958

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H57850

<220>

<221> unsure

<222> (1)..(384)

<223> n = a or c or g or t

<400> 1958

atcattttta aaagggcttt aatactgttt aagtagttca aataggcttc ctactatta 60
atttgcttca gtaaactctt cagcttaact cattatctta aatttcagaa ttaatgaggt 120
tttactgtaa aagtagaaaa gcaaacactt caaatgataa gactccagta tcaccatac 180
taaaanctta ggcaataaaa ctgcagtttg aaaagctact gtacaatgca gcaaggacta 240
gggtgtcaata ctgctggaag cgtagccagg gtaaagganc aggaaatctg cacagtntta 300
tccctgtggg ttcttagnct cattcggaan tacaggaact gcaatctcac aatggnaaca 360
aacatactgg cttnttaggg gggg 384

<210> 1959

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58673

<400> 1959

aatttatata ctgttttatt gatacacttc caaatccct ataattagtc tgcatttgaa 60
ttgaaatttc aaggtataac tataatttac atatttaagg agtcattggg tatttaagtc 120
ataatttcag taactgttta atttttctag gggttgtaac ttgaaatatt ataccagct 180
tctgattttg tggctgtgatt gcaccataca cgaggatttt aagtgtagga aagaaatgag 240
ggaaatgggg tgagtgtctt tctgggtgga cagtttagtt ttcaacccta gaaagatgaa 300
acccacacca gggccacatt gttcagcagt gctgtgac 338

<210> 1960

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58692

<220>

<221> unsure

<222> (1)..(409)

<223> n = a or c or g or t

<400> 1960

ntctcttcag aagctttatt ctccctggga ggggcacacc tcaccagcc aaggngcgt 60
tctgactgga cagagggcgt ccaagatgca gacatggtgt gcaggcagga gggcttccac 120
tagcccccca ggtgggaggt gctgtgcccc ngggctcaag agggaggggg cccagccac 180
gagggagggg cagggacttt cttctcaca agacctttct tcagtattcg aaggctactg 240
tcttgaccg caggtactcg ttcagagccg cctctcctag atctttgcca aatccagact 300
gtttgaaatcc tccgaaggag ncggccacgt cggctctgtt gtacgtnttg acaaacacag 360

tgccctgcctg ggagcttgtc actgacatac agggccttgt tgaagtccc

409

<210> 1961

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58873

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

<400> 1961

```
actataactt agtgtctgta tttaatatg acaacccaaa atatatan tttntttgca 60
tctatacaca acagggcagg agtctccatg tnttcttgag cagtgagttt gcaggctccc 120
acagggccctc ttctcatggt aatagtgtgg ccctagtgc aaggagacta gaaccgggca 180
gccagactg gcccttcccc tctcctccct gcactccagt gcttcccaac tgggtctcagg 240
taaagaaaagn ttantttgag tggttgggta ggaagagatg ggaaggggca aatcctaata 300
ggagcctgac ccctagagtg gggagttcca gggccagcag aacgggtggg ccatagccct 360
ncctggggnt agaagctttg tagttcatag ttcgattagt ntgtccntag ggcattnagg 420
nccagcccta cagattagct                                     440
```

<210> 1962

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59136

<220>

<221> unsure

<222> (1)..(326)

<223> n = a or c or g or t

<400> 1962

```
ntttcagaaa actaccatth tattactttt agcattagat acgtttacaa taaagaatta 60
tgtaataaga gcctaggagt tccaattgct agttgagaat cacctcaaga aaaatagaaa 120
attttagaaa ataattatta aattttaaaa atctaagcct tttagacttt tcaaaataaa 180
aatttaagta tgctgccttc acagtgaatt taatgtgata agatttttcat tcaaatgaca 240
ttatttctat ttaatgtttt aatacagtta cggcatgaaa tcaaattcca acttcttaaa 300
aaatgtggga gtttttnggg gatcat                                     326
```

<210> 1963

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59141

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 1963

```
aanataggaa taataaattg atttaataat ttgaaagaac tgtaaggttt aggttttgtt 60
```

```

cttatttttta gtgcgactga gattggagtc tgttttaga catatctgaa aaaagtgaag 120
ggggagatgg aagatggtaa atgccaagga aaagatggaa ggataaatca gtgtaataaa 180
aaggagcact tcttttttcg caacagaagt aaaggtaaag gttaagtgtc tgagttaacg 240
aatggattgt tgacctctgg ggagggtgct cccatcagct cagctttgtg acgacctaa 300
gaatatccct tccacacctt tctgatcca atcgttctgg gctgcataaa accacctaaa 360
tcaatcaact gttacacttc ccttagtgct aggggcatat tcctnataac tccc 414

```

<210> 1964

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59617

<220>

<221> unsure

<222> (1) .. (459)

<223> n = a or c or g or t

<400> 1964

```

tgnnttcatt ntcaacatta aatgactatt tatttttcag gtttaaaaga tttcaaaata 60
catatgtaca agataaataa actacacaaa aattatgtca tcaaataat ttaaaaaaaa 120
attcaaggta ggcaacttag atcaccttgg caaagaacac attaactang atgaaccagg 180
acaagtcccc taaacatcag gatgaaattt cttttctatg cctactagct gactggcctt 240
ccttttctgn gttgagttgt gtactctgga gtcaccagcc tctggtagat tatcaagcat 300
ctcttcctca tcagcctttt gtttctgtct tgcattgctt tctgtccact gtctgggcat 360
tcttgaggaa ggctggctta ttatatttaa attctgagg tatgtcagcc tgagcggggt 420
catcaggggtt ggggtccgac atgagcagcc gattagggg 459

```

<210> 1965

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H60317

<220>

<221> unsure

<222> (1) .. (345)

<223> n = a or c or g or t

<400> 1965

```

ggtgtacaaa tagacaagta gtttaataaa gcagaacaaa gagtctagaa acagactcac 60
agatatatgg tcaattttca acaaagggtg aaactggaca tcatcaaaat taacctctct 120
ctgctctttg aaagacgctg ttggctgggc acagtggctc acgactataa tgccagcact 180
ttgggagact gagatgggta gattgcttgt gccagcagc tcgagaccag cctgggcaac 240
atggcataac cccatctcta caaaaantta ggctgggcat ggtggcacac gcctgtgggt 300
cctggggagg ctgagggtgg ggagggatag cctgaacccc gggga 345

```

<210> 1966

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H60595

<400> 1966

```

aagacagagt ggactgttac aaatgatttt gcaaaataga aaaatagata tacttccact 60

```

gaatgcttta atcatttttc cgggcactct catcttttgg ttcttctca tctgagtaca 120
cagtgggctc ctccccctcc ttcagcagtt tgcccacgtg atgatacttg aaagtgaact 180
gagactccca gtcactcaga gtctcctgct gggcgagtg aggtcagaaa ggtcatcgta 240
ctcatccttc agtgcttcct tatccgggga aaatgtgggc aagg 284

<210> 1967
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H61002

<220>
<221> unsure
<222> (1) .. (409)
<223> n = a or c or g or t

<400> 1967
ggcagagca accaacaatct tgtaacttgc tttccccacc ctgtttcttg gggcagagca 60
anttgccaa tttctaccct aatccaaagt ccctgggtgtg ggtgggggtta aacgtgctgg 120
tgcacctag gtcacccaag agtgagcgcc aagtcctgag aaggggcaca gaactccctg 180
gaggggtggag atggagcacc tgccccccat ggcagggtac actctcccca cagccttcct 240
ccccaccatc ccgtggggac ttttcgggat ttaagcactc gtctctctng ggaggccag 300
acccactcc atttattagg gcacatcttc ctttcatttc ctagggtcaat tgcccntttg 360
tttttacagt tcctggcctg ctncctttga ncacagnttg ggtttaciaa 409

<210> 1968
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H61295

<400> 1968
gaaccctcta agggacctca aagggtgattg tgccaggctc tgcgcctgcc ccacaccctc 60
ccttaccctc ctccagacca ttcaggacac agggaaatca gggttacaaa tcttcttgat 120
ccacttctct caggatcccc tctcttccca cccttccctc ccacttccct cagtcccaac 180
tccttttccc tatttccttc tctcctgtc tttaaagcct gcctcttcca ggaagacccc 240
cctattgctg ctggggctcc ccatttgctt actttgcatt tgtgcccact ctccaccctc 300
gctcccctga gctgaaa 317

<210> 1969
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H62212

<220>
<221> unsure
<222> (1) .. (401)
<223> n = a or c or g or t

<400> 1969
nnnttcagtt gagagaagca agactttaat gaagaatgct acaagtatgg acaataatta 60
gttctcacct tttaaaaaaa gattacagaa aacactttac tgaaattttt tgctaaaaag 120
acagtcttta aggggtgtccg ggagagacag caagcacaac acagtacaaa aggagaaggg 180
aatgttgaat tccagtgcaa gacacgaaca cagcacaatt agggaatcag gaggaagcaa 240

```
ccatttcaca aggaatgaaa ttagggcatt tatattcaat cggatttttt ttaagcttta 300
aaagtccagc cataagggaa ggggaattgg gggaaaagag gcnggggggac aggggggcagg 360
ggatccgggg nactagtctt nttctncaat caccctttta c 401
```

```
<210> 1970
<211> 323
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. H62474
```

```
<220>
<221> unsure
<222> (1) .. (323)
<223> n = a or c or g or t
```

```
<400> 1970
caaatacagc tgaccagaag gcctaaaaac agcccagact ctaccaaccc tcatgcatct 60
gtagatagaa ggagagctgt ggncttgctc acacacaggg gagcccttct nagaaganct 120
gcctgnccct tggaaggtna agagtcttgg gccagcagc agagaggagc ccaacctgcg 180
tgggacaacc ccttgagggc agcccttggg tcacagctgc tctgggggtgg ggcagcaggg 240
tttaagggtt cataggttca catgtnccca ccacacaagt caaatcaagg gcatgaaaat 300
aaaaggggna aaagggggna ggg 323
```

```
<210> 1971
<211> 372
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. H62838
```

```
<220>
<221> unsure
<222> (1) .. (372)
<223> n = a or c or g or t
```

```
<400> 1971
ttttagaaaa tttattatga attccgagaa gtctgtcat catatacctc cccagcccc 60
aaataaaaaca aacaacatgt ttgtacataa agcctgggtt tacttggnac aaaatttgag 120
tctttgaaaa aaatagttaa tggnaaatct caataaaaat tcattttgaa agtaaccngt 180
actgttcagg aaataagggg ngctcatgtta cttgaggang tcaaacagtt ttattacagg 240
aactatgtgt atatatatttg gggnttaaaa cttgccnata ggctgttttg aaagggntag 300
gtccataatt tattccnaat aggggtatatt nntaatcnaa tgttttttggg gttatcnacc 360
ataaccccnt gg 372
```

```
<210> 1972
<211> 236
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. H63251
```

```
<400> 1972
aaatacttgt aaatttcata tttattgtaa caaaaattat gacatgtcca tttgtgcatt 60
ctgcttgagt ataactctgg gtatgtaaat ggcctaattg ggcactatac aacctgctg 120
attgtggcag cagtaaggaa cacagttaaa agtgtctgtc aaagtgggaa ggctgggaca 180
ggggaggaaa atgggttcag ggcccttggg tgcagggttct tgtccagtgg cctaag 236
```

<210> 1973
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H64493

<220>
<221> unsure
<222> (1)..(370)
<223> n = a or c or g or t

<400> 1973
gggtgcttta tttccatgct gggcgcccgga gaagtatgta cacgggggtac gtgccaaagca 60
tcctcgcgcg accccgagag cccggggagc gggngcttgc cggccgtcgc actcatttac 120
ccggagacag ggagaggctc ttctgcgtga agcggttgtg cagagcctca tgcatacacgg 180
agcatgagaa gatgttcccc tgctgccacc tgctccttgc cacggtgagc ttgctgtaga 240
ggaagaagga gccgtcggag tncagcatgg ggaggcntgg gtnttgtagt tnttctccgg 300
ctgcccgtg ctttcccant ccacggggcga tgcgcgtggg ggtagaagcc tttgaacagg 360
gaagtcaggc 370

<210> 1974
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H65030

<400> 1974
ttaatcctaa ttgtatttct ctattcctga agagttctgt aacatgatgt gttgattggt 60
tgtgttaaatg ttggtccctg gaataagatt ctcatacatc ccttcaatca agcagtcacca 120
ctgatcaaaa tctttatgaa gtcctaaatg cttttgtaag aatgctaattg aagctttgtt 180
gctaaggatc aatagctgca tttgaatcta tgtctccctt taatttgagg catgtgtcca 240
attattttgc cagttgcaaa aggtgaagtc aggcaaaatt ctgggtggga ctggaacccc 300
tggattggtg atcatcttct tttctttatc ggggtgaggta ggccattttt ttcattttta 360
tggatatagg ccgggggtatt ggggg 385

<210> 1975
<211> 314
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H65042

<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

<400> 1975
tatttattga acaccggctg cctagcacaa gctgtaccng tgaatacaaa gaaagccgaa 60
tgatacagcc cttacctttg aggaacatgc atttgcaatc cctgggggcac agaggccaag 120
agcaggccgt ccctaacaat gttcttgccct caagcccagt agagatggaa gcctcaggac 180
agctccttct ttaacgcaga ggggttggtg actctagttc cagggtctcc aatactgcag 240
tgaaaaggaa ttttgtccta tccggccaag gcaaaaaaaaa aaaggaacag tcaaaagatt 300
gacgggacaa catg 314

<210> 1976

<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H65650

<220>
<221> unsure
<222> (1)..(459)
<223> n = a or c or g or t

<400> 1976
ttgataatca atagaacatt tactgaccgt atactgagca cctattctat gcctaccagt 60
gcttttttaa aacctgggtg agggctggta tatcgtcttt gaaaaacaat gactataaaa 120
gctacaggaa aggtatttct ataaatcata acatgattca gtgtaaggga gtatcaggca 180
cttggtccac gccagggtgct ctgttaaagt agcagcttta ttctaaaagg ctaatgtgga 240
tctttaaaag gtttccgtaa ctgggagaa ccagggtgaa caggattttt ctcaccagca 300
tggctacacc agctttgcag tggcagantg agctgcagag gtttcctctc tgctttacaa 360
tcccttattt gaagtacacg cgtcgcaatt tcagggtggc cctcttgggt cctagcttgc 420
aactcggcct cccagcttgt cacaggctgg gtccgggggt 459

<210> 1977
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H66367

<220>
<221> unsure
<222> (1)..(413)
<223> n = a or c or g or t

<400> 1977
tgtgttagac atactaatag gtgcacagt aaatacttat tggtgattgt ttaaaaaataa 60
agttagtagaa aaccttttca aaagtcagag tttaggccag ggcacaggct gacacctata 120
atcccagcac tttgggaggc caggggcggt agatcacttg ggtcaagagt tcaaggccag 180
cctggcaaca tggcaaaacc ccatctctac taaataaaat acaaaaatta tccaggcatg 240
gtggtgcatg cctgtaatcc cagctacttc gaggtctgag gcatgagaat tgccttgaac 300
cggggangca gaggttgacg tgagctgaga ttcttcccac tngcaattca gncttgggag 360
accttaattc aaatctattt tgggtcttat attcttctta tggtttng tta 413

<210> 1978
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H66840

<220>
<221> unsure
<222> (1)..(369)
<223> n = a or c or g or t

<400> 1978
aaatcagaac atcaatatga ttctgagcc tttaccttca ttttaatgag aatgcagtca 60
acagtaaatt atgacaagct atagtgggtt tatcttcaaa tatttacatg gacacaaaaa 120
acacctttca ggactactcc ttaaagncac tcgtccaaac acatccatcc atctgaggcc 180

aagacacttt tcatgggaat gcaatgaaac tatgaagggtg aatgggaaga gagatgcttc 240
 agtctctcaa agtgcagtca tgagttttatc tcgntacatc atactttgca tccctcctaa 300
 gggtccttct gggttctggg tcgtggggca taattcaaaa tggggctggg ccttcttcca 360
 ctgggcccg 369

<210> 1979
 <211> 440
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H67094

<220>
 <221> unsure
 <222> (1) .. (440)
 <223> n = a or c or g or t

<400> 1979
 aatgctatct taatctaacc ttatcatctg agctgctaaa tctttcaccc caaaaagtta 60
 ccacatccat ctacaatcat ttgcagtggc ccttcagctc cttcccaacc atttctcagt 120
 gaatagactc aaatgttggg tgaaactcac tgtaaacgaa catgggggtat atctgtgacg 180
 gaacttctga aagccatttg tctaaataat tctgtcttta tacacacatg gcacaggggtg 240
 catggcacag agagggacag gggaacgggg gagggctgtc atgggctatg atccgggggt 300
 gacagggaaa tctataagga tgaggaaggg tgaggaaaac tgtcagggaa atccacattt 360
 tccaggaaaag gccggggcac taatggatgg ctggcccntt cgganttttt gttaacagnt 420
 cccncgtttt acggagngtt 440

<210> 1980
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H67840

<220>
 <221> unsure
 <222> (1) .. (419)
 <223> n = a or c or g or t

<400> 1980
 gagctgcaga cactagacat ttctaccaat cgtttgctaa ctttaccga gaggcttcac 60
 atgtgccttt ctctgcagta cctcaactgtg gaccgaaatc gtctatggta tgtgccgcgc 120
 catctctgcc agctgccag cctcaatgag ctctccatgg ctggaaaccg tcttgcat 180
 ttgccacttg atttaggtcg atctcgagaa ctacagtatg tatacgtgga taacaacatt 240
 cacctgaaaag gcttgccatc ttatctgtac aataaagtca tcgggtgcag tggctgtggg 300
 gctcccatc aagtttccga ggtgaagctg ctttcccttt cattcagggn cagcgaaccg 360
 tttttcctcc cagctggagg tgaagggccn taggggacgg gagcatggtt cacgttcct 419

<210> 1981
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H67964

<400> 1981
 tataataacg aaataaaaag aacccccag ctgccaggcg ggttttggtg tttgaaatgc 60
 ggggcaaacg actacatcac tgcaaataga tacagagtta gtctgcatgt ctgtaggctg 120

tgtgattgcg gaaaatataa atgctgctaa tatatttcct ttttacaaaa gcatatctaa 180
 atagatgatt gttttgatgt taatctttgt aaattatgta ttaccaatgt taacattggg 240
 atgtaattgc atacaaagct tgcattctca tccttgaaag tctagtatta aatgggaaaa 300
 aacttttcct aaaaaaaaaa a 321

<210> 1982
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H68097

<220>
 <221> unsure
 <222> (1)..(291)
 <223> n = a or c or g or t

<400> 1982
 tgaagtttat ttncctcggc agtatgtttt agtttcttgt ttttnatttt gttgtgtgtg 60
 tatgtgttgt agattttatg atttgaggtt accatgaggc ttgcaaataa cataacatgt 120
 tatttttaaag tgacaacttg acactgattg caaaaacaaa cagggcgaag agaactaata 180
 aaaactgtac actttaactt cattcctcct gttttttnaag gtttttatgg gtttctatgt 240
 atatctcctt gtactatattt gaaaagggna ttgcagggtta tcatttggtc a 291

<210> 1983
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H68239

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 1983
 aatttttaatt ttattttttt acaatgtacc atgaacatct tttccatgca catgggtgaa 60
 aatcctctac taaaatatag agcgccgtag ttgggtcaaa aggctgctgg taacgagact 120
 gacatctaaa gcaaagtatc agcttaaggt taaagcattg ggcctggcaa atacctacca 180
 gggaaagcag ggccagcant attctcatca gagaantcag attgganggc caaagnntta 240
 aaggatggg ttatcgtgta agccctctct gcccctacct ccaccctca ctcccctgac 300
 accccgttgt ccccttgagg cgnattgggt cctgtacatc tctttgcatc ccnatganaa 360
 ccaccnttt tctgtttttt ccttagctcc tcttgagccc ttgncac 407

<210> 1984
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H68794

<220>
 <221> unsure
 <222> (1)..(282)
 <223> n = a or c or g or t

<400> 1984


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tccatgccca tcaggggttta ttgtttctgt aacagcggcc acgcctgggg gntgngtggt 60
gcagctggag atctctcagc accttgggtt gggggcgggg ctgggcggga catgggatgg 120
aggcgggtgct gtggcagaca ggggtggacct tggggcctgc aggaggagat gagttcggcg 180
gccacagtgg cccccagcag cagcagcagc agcgnagagt tcagcgggcg cgntcaccgc 240
accaggtgga aggtgagcca gtacatgagc ataggntgcg cg 282
```

<210> 1985
<211> 486
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H68953

<220>
<221> unsure
<222> (1) .. (486)
<223> n = a or c or g or t

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<400> 1985
caatgtgctt gtctaggttc gctattgtga gaatcaagtt gatatttacc taacctatat 60
cctccacaaa agcagacagt ctggctctgc tcttctttcc tccatcctta gcccacagca 120
cagaaactgg cacattgcag gtgctttttg ctatgtcagt tcctcacctg cttaaagagg 180
tcagggagga cagtcttcct gggcgactcc tggcctcagg aactcagatg tgtgagcctc 240
gcccataaga aacaaggtgg aggacctgt agggcaggaa aatcatgtta acagctttgg 300
cgtggggcac tccccaggga taggcacagg agctgtgcag gncaagtaga aaagagcact 360
gggagaacgg cccagtttca cagaagagga ggcagcaagt ctgccacatt tttgttatta 420
ttgctggaaa tttgtttcat tcacttcgac agtttcagga attaaatatt aggggnagatt 480
tttttt 486
```

<210> 1986
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H69138

<220>
<221> unsure
<222> (1) .. (452)
<223> n = a or c or g or t

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<400> 1986
taggataaca ttattttattt atnccctttt atcaaagaag gtaattgata cacaacaggt 60
gacttggttt taggccc aaa agtagcagca gcaacattaa taatggaaat aattgaatag 120
ttagttatgt atgttaatgc cagtcaccag caggctattt caaggtcaga agtaatgact 180
ccatacatat tatttatnnc tataactaca tttaantcat taccgggnac tgtttgtnnt 240
gtaggtgaac cttgaggtat gtgctgttaa tataccaaat tggggtgaaa aaataagggg 300
attcctttca aaaggttaag aggaaggtaa ggtgtggtaa ggncattatt ttgcttatta 360
aatgttcggg taaatggggc ttntcttgn cggtaaangg ggggaataag gcnaaaaaana 420
ttggggccaa ggcccnttaa ggtagggggg tt 452
```

<210> 1987
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H69565

<220>
 <221> unsure
 <222> (1)..(485)
 <223> n = a or c or g or t

<400> 1987
 tgggtatctt ttttatttca aaataagagg ggttttaata tttctacaca gcattagata 60
 atagcccaaa catattattg atccccaac aagtattttc cagatcaatt aatagtcatt 120
 atcaattaat attcatgtct acctgtctga gcaatggatt agaaacatta taagtttcat 180
 tttatggaag agaaagcaga ctaaaagtct agggatatga tcatttggtt tctggtttca 240
 gttctgacac taacaaggca atatccttgg ggcaagttgt ttaatctttg ggggccttat 300
 ttttctcaag tagaggaata acgaagctgg gatctcatgc tccattccca tctcttncct 360
 acccccccatt atttcataag gttttcttgg cccctattta tggccctagg naaattctag 420
 gatcaggnga ggtncgccgnc ccatttttcag gagtaggagg aggcccgggg gctaggctgg 480
 cgnaa 485

<210> 1988
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70485

<400> 1988
 gaatttgctg gctggcaggt ttgctttgct taatacattg actgcaacac gcttattggt 60
 gtgttggttag aataagacat acgagaatat atatagaaag gccatatgga ggtttccatg 120
 gaaagattct gatactccat aactctgctg ttcagaattt cagctgattg cctgtagttg 180
 gtgcagcgaa cggaacgctg gtggcaggtg ttgttgctgc agacacagtg gtaggtgtag 240
 caccgtgcat catggggcac tgcagggata aatgccggct gtgggggagct gcagggttagt 300
 cagagcctgt tggcagtggg aaaacagtgg ggattaaaga ccgggggtggg caccattggg 360
 gctttttcca gtgctgatct ctttggggtat cagttgcagt gtaccagg 408

<210> 1989
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70554

<220>
 <221> unsure
 <222> (1)..(243)
 <223> n = a or c or g or t

<400> 1989
 caaaatacat gtttttatat tttaccatat gttcacattt acaagangtc tttataactc 60
 tatatggctg taagttacta tttcctttca ttcaacctga attcctccct tcagcatttc 120
 tttgagagaa aaaataggaa aattagtgat tggaggtccc tataaaattt tcttacatct 180
 caagtgttcc tgaaatcagg tgtttgggct ttatgaaatt ctgagtaact ttttttttaa 240
 caa 243

<210> 1990
 <211> 314
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70627

<220>
 <221> unsure
 <222> (1)..(314)
 <223> n = a or c or g or t

<400> 1990
 atttagtgct ttttattaac agtattacta aggcaactca tcgatgctga agtcccatcc 60
 agtatgctat ttttcatgcc tcagggtctaa taaatcttaa taaaaccaga atgactagat 120
 gctatggctc gaatgtgccc cctcccaccc aattgatata ttgaacccat cactgatgta 180
 gtattaagag gtgggggtctt tgggcagggtg attaagtcag gagagantat cctcatgaa 240
 ggggattaat gcccttataa aagaggctgc gggctgggtg cagtgactca tgcctcta 300
 ctcggcattt gggg 314

<210> 1991
 <211> 182
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H70739

<220>
 <221> unsure
 <222> (1)..(182)
 <223> n = a or c or g or t

<400> 1991
 aactttaatg tcgaaaatgc aaacttgggg agagcagaaa gatcacacac aaggctgtca 60
 cctcacactt ggaggggtgc acagcgggcg agcagaggcg ctctcactt cccagacagg 120
 gcggcgggcg ngcagagggtg ctctcactt gccacacagg gcggcacttg gcagagtcgc 180
 tc 182

<210> 1992
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H71169

<220>
 <221> unsure
 <222> (1)..(280)
 <223> n = a or c or g or t

<400> 1992
 ttgaaaaact gaacaaacag aagtgatattt atctaataca gttccaaggt agaaaaagtg 60
 gagcaggcag ggcttgacc cctctccacc ccccatggg ggtngngttt agncggcaca 120
 tacacaatca tagtaaattg gcagaagaaa aacacantag attcctgggc tagatgggga 180
 gagataaggc antntgcatg ggggattcag aggggagntn tgagcccctc tgctcctccc 240
 acaagagttt cccctttggg ccgggcacgg tgggcttcac 280

<210> 1993
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H71861

<220>

<221> unsure
 <222> (1)..(381)
 <223> n = a or c or g or t

<400> 1993
 aaagctttttt attgattgaa atgaaagaca ttttctgaaa tgctacaatt accatttcag 60
 ggcttcagaa agactgagat actggcattt aacaagatac ttagtgagaca agagatcaca 120
 aaataaaaaca caaaatgaga cacggatgag ttcatacgtat atggctttta tattaccttg 180
 gatataattc tttatatcac tactgcatat ttattacagt atttctaaac acaatttgaa 240
 aaaaaganac aaaganacaa tcttggnacc tcataattta gnccaaaaga tadcagnaca 300
 aatagngcca ccaaatatcc atcttaaata ctgtgtacat ttaacagnaa taatcntaca 360
 tgacaaatgg ttcaaatttg g 381

<210> 1994
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H72650

<220>
 <221> unsure
 <222> (1)..(470)
 <223> n = a or c or g or t

<400> 1994
 tgcagcattt tccagtcaca tatcagggtt atactgnact gcaacaaaga tcaactttta 60
 aaaattagcc ttcttaaaat acaaaatgat ttaagtattt taaagataat ttatttgcc 120
 tgctcttgcc ttctaacatt agccatttca tggagaggct aaaacttata ctccaaaaaa 180
 tgtggaagca catttttaatg ggagtaaaat taaaaaattt tgagaaaggg taaaatctta 240
 tgaatatgca tcttcttagc tttatcttcc ctttgatagg taggcactta tgctcttcca 300
 tctgctcaaa tagggctcag ggaagccagt catttcctta gcgagatgat tactcctttg 360
 gcctttgaaa cntttatttg ggcccacat gtttgggntc cagtgtgtgg tagtgagtcc 420
 tactcccaaa tcagtgatcc ccaagtcttg ggctttgggg acccgttttt 470

<210> 1995
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H73484

<220>
 <221> unsure
 <222> (1)..(367)
 <223> n = a or c or g or t

<400> 1995
 ttcaacaagt atttattgag tgtctattat gtgctagata ctgagacaca tcagagaaca 60
 aaacccaaaag ccctgccctt gtcgggctta cagtctagca cttaccgcca gttaacctgc 120
 aggctacctg gggccccggg caagtcaccg cacctctgtg cctcggtcct cagctgacca 180
 atgggagant aagcagacct gggntcagac atgantcatg tgcttggtgt actgcagatg 240
 ccaaactgca tccccacaac ccaccacgta ggacagcaga cagggctgga agttgntttt 300
 taatgataaa gtacantgan gggagggcag agaggctaag nctaggctgt ctgggggtgc 360
 tgtgggt 367

<210> 1996
 <211> 391
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H73535

<220>

<221> unsure

<222> (1)..(391)

<223> n = a or c or g or t

<400> 1996

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gaggattgaa aaattatctt tattatcttg agtgggagct ggagctggaa gtctccactt 60
nctccctcca acaactcagc tccattgta cccatctggg gacttagatg aagttacagg 120
tcagttattg gacagctcac aggcctcttg attcctagga gtcaataaga aggcctttgga 180
gtccagggca ggaagtcagg gacttgaatt cctccacaca cttttcggga ggatgtggtg 240
agcgattgta gaggagaaag cgctggtaac cgggcctgt ctcattcagc atgattccac 300
ctggggcatg agctgggaaa agagctcagt cttcatgtca ggggcggcct tcagttctga 360
gattctgtgc tcccttcagt caggtggtag a 391
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<210> 1997

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H74317

<220>

<221> unsure

<222> (1)..(393)

<223> n = a or c or g or t

<400> 1997

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tttttttttt tnggattcat tcagcattta ttgtagcaaa gagtgggnag ggacaggagc 60
tctaggactg gccagtgggt ntncatagagg ccagctgggg ttggaagaca atggntctga 120
cacttcactg ggtggcaggc tgtgtnccaa gtncacagaa atagctcaag aagttaacca 180
gtnccggttc agccttcttg ancaggggtn tcagctgctc ctttgacttt tcaaagtaag 240
acttggcctc ggctgaaag ctctgggctc ttgaccttct ccatcaggtc cttgccatag 300
tcagtcacgg tctggaagta ctgagaaacc agggctctcc acacatgggc tcccttgcct 360
gtctccgaac ccaaagctcc ttcaaggctg cag 393
```

<210> 1998

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H75933

<220>

<221> unsure

<222> (1)..(451)

<223> n = a or c or g or t

<400> 1998

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agaagtacaa ctcatgtcga gacatgtatt tattattatg ctttgatatg caatcccagg 60
nattctgata tggagtaaaa agcaaaactaa atgaagacaa cttttagaaa ctgatgttta 120
ttttccatca accattttnc catgctgctt aagagcctat gcaagancag ctttaagacca 180
gtcagtgggt gctcctaccc attcagtggg cctgagcagt gggagctgca ggaccagtct 240
tccgtgggca gggctgagcg ctccaggctc tcagtagggg aattgctgaa tagggcacag 300
agggcacctg ttacaccttc aggaccagtc tggcaacctc agggctgagg taggcagtgg 360
```

aacttcaggg agcgggggaca ngttccattt caccctggaa attcctcctt gggtcactgg 420
 cnttttnagg caggaagcct gtnnttattt t 451

<210> 1999
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H77494

<220>
 <221> unsure
 <222> (1)..(348)
 <223> n = a or c or g or t

<400> 1999
 aanttgatt tttttagag atgggggtttt accatgttg gtaggctgg ctcaaactcg 60
 tgagctcagg tgatccaccc gcctcagcct ccaaaagtgc tgggattaca ggtgtgagcc 120
 accacacctg gccaatgggc atnttctttg gttgaatttt aaaatattat tttttatcat 180
 ttaccatttt ctagggcatt ttaagaccca atttattctg ccacaatcat gtcacagaa 240
 tagtcaaatg aaatgacttt catttgaatt ctactatta agatttaaaa ttgtggaaaa 300
 ctaaagtggg gattggagta gactgttagg gattagntcc taggatgg 348

<210> 2000
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H77597

<220>
 <221> unsure
 <222> (1)..(317)
 <223> n = a or c or g or t

<400> 2000
 tcaagtctaa gtgtttaatt attattcaca tatttcacag aaaaaaagga atgtagcaaa 60
 tgagtcggag ttgtagaaaa aaaaaatcct ggnttttacg tgtcattctg ttttcatctg 120
 acagcagggc tgtcccgaca tcaggcacag cagctgcact tctctgacgc ccctttgcag 180
 atgcagccct gggcacactt gggcacagcc caggggnaaa caggagcagc agcctggggg 240
 aaaaagggag agagaaggtc acaggcagac ttnaccaggg ganctccctt tccaacagc 300
 aggcctgggc tcaagct 317

<210> 2001
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H78211

<220>
 <221> unsure
 <222> (1)..(271)
 <223> n = a or c or g or t

<400> 2001
 tcatttttct aaagctttat ttattttata aaatgcatag aataaattat actagtaaca 60
 ttttaaaaaat taacatcttt gtattcagca gtcctggggtc aggaggcagg nngnggggtg 120

nggggacggg atgggtcact gggcagctaa cccgtgtagg ccacttcctc ctcgctcactg 180
ccatcggggn ccgctctgt cccaaagtag cggtcgcaa agttcccaag ngcctgggat 240
natgcggaaa aggtcattga cccgnttgtc c 271

<210> 2002
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H78323

<220>
<221> unsure
<222> (1)..(373)
<223> n = a or c or g or t

<400> 2002
nattgttaaa acattctcta tatttaattn caattttata atagattaca ggaagatgct 60
tatgaaacaa atacatttgt ttcagtacat gtcttttaaat gatagactta taagtatgta 120
aacaactata taataaangg tttccaaacg ctgcctgtaa gaaatcaggc aanttttacc 180
atangcanta aaccattcca agccttccag acagtctcca tagccgcacc agcatgggca 240
atangcttta accaaacgaa aacaaacaaa caaanggcac ttcggcantt tggtgctgcc 300
aaancgggggn gaggaaaagn gtgtaccaa ctttgntggg gntcccancg gtccattttn 360
ttttaggggg gcc 373

<210> 2003
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H78628

<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t

<400> 2003
gatcatcagg ggttgtcaag gcctgaacgt gatgggctgt gatcttgtcg aagtttcacc 60
accgtatgat ctttctggga acacagccct gctggcggct aacctgctgt ttgagatgct 120
atgtgctctc cccaaagtga caaccgtctg agtcttgtgc tcttcaagac aaaacagatt 180
gcgtcgctga caagtctca agaagaactt atgagtaagc agtctgagaa ctaaagagtt 240
tatgccaaga aaactttctg ctgaaagtgt cattgctggc tgtgaagtcg ggataatcag 300
tagaattctc acccaaacag caacatttct taagggaact tnggatttaa ttggggggga 360
aaaaaaaggg agtacntgta actngctttg atttttttt cctttggatg gaaagatggg 420
aggggttaaag ggtaagttag ggagnatttc ttttcaagtt atcta 465

<210> 2004
<211> 380
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H79820

<220>
<221> unsure
<222> (1)..(380)
<223> n = a or c or g or t

<221> unsure
 <222> (1)..(419)
 <223> n = a or c or g or t

<400> 2007
 ngagccagaa aaggattttt ttttaattcaa gtaactgaaa taggaaacca gaggggggagc 60
 cccaggctgg gataaatcat ggctacccct ccccaacaga acagggggag gaggtggccc 120
 ctacacccat tatggtcgat tcggggcccc ttgctcactc tgctgcagca tcctagaggc 180
 agggccccac cttccctggg actggggtag tcggtcaccc agcctgcatt gccccagccc 240
 ctnttcccca caaagagtat cttgggggag ggnttcgtgg ggcagaacag gagggcaatg 300
 agggatgaac attgctcaaa ctcccttcaa aggggcacct gaccgcacag gggaggntgg 360
 gcaggaaggg caagggntgg gggatgccgt ntaaggaggg cggangcagg canttttgg 419

<210> 2008
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H81964

<220>
 <221> unsure
 <222> (1)..(411)
 <223> n = a or c or g or t

<400> 2008
 ntattgtttc attgcaattt tttccactgt acttttcaaaa ccaaagaaag atttaatatc 60
 taaacttgca gactgttcaa aacagggtcca atcttcattt tcagggtgaa cgggtgtagca 120
 gcaatgctca ttaatgatga cccgattgga aaacgtttca ttataagcct caatgtgcaa 180
 agtacgttcc cgagaattca gtgagttttt ctggacaaaa taaacataat caactcctgg 240
 caatcttctt cagcagtcct ggtgcactca catccaggct tgcagcgcct ttcaatggac 300
 atgaatagcc ccattctcgg ctcttggaat ttcattcaca gtgggtcactg gccacaggaa 360
 catcggaat caaagggaca tgtaggggaa cctcccttnc atagggcagg c 411

<210> 2009
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H82424

<220>
 <221> unsure
 <222> (1)..(305)
 <223> n = a or c or g or t

<400> 2009
 ggtgatattc ttcttgctgt caatggtaga agtacatcag gaatgatata tgcttgcttg 60
 gcagnactgc tgaaaganct taaaggaaga attactctaa ctattgtttc ttggcctggc 120
 acttttttat agaataatg atgggtcaga ggaaaacaga aaaatcacia ataataaggct 180
 aagaagttga aacactatat ttatcttgct agttttttata tttaaagaaa gantacattg 240
 taaaantgtc agganaagta tgancatcta atgaaagccn gttacacctc aggacaatat 300
 gattc 305

<210> 2010
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H82735

<220>
<221> unsure
<222> (1)..(425)
<223> n = a or c or g or t

<400> 2010
attacactgc ttcggctgga cacgcaacca tgtgacacta atgtgtcata gaaggtctct 60
gagcactttg gctcattttg aatataatgt ttaaaaatat acacaaggct ggctttccaa 120
tggtttaaaat cattgttagaa accaacagggt tgaacagaaa tataaaaagta cagaaaatgg 180
ttttcctgct ttggtgttgg ttgtggcggc cgaggaacgt gactgctgct gtttacacaa 240
gtccagacgc tgccagggcc tgttgggagc agctcagctc gtgactaaaa cagctggatc 300
atcgactctc ttgacttgcc aacaccaacc catttgactg cgactccac gtgattctcc 360
acaaagcgga tgtagttcng ggcctgtggg ggcaggctct cccaactncn gggcgctgtg 420
gtgttt 425

<210> 2011
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H82966

<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

<400> 2011
annattanan ntcaataata ttagcaatag ctattttcaa atcatgtaaa tcataactat 60
ctttaatatata ctgatcaaat tgtatcatat atgtctgcag ttgagatagt tttncattaa 120
agttgatttt ggcatcatct aatgcaatgt gtatatcatt ttctgtaatt ctatactttt 180
ttgtgagagc agtcagtttc tccttggcat gtgaaaacttg tctctcccaa ttgaatgaat 240
tcagataatc attagcttgc tgtggggagc tttcccaggc gctgctctgt atttncctac 300
aaatngatca atattgatgg tgcctcaggc tttctctggt acgttttccc ggtacaacta 360
taaggggttt gtcgattccc tctcaaaaata ttcttggcaa ggnctcaaa aatggggggag 420
ggttaanggg gagtgaacc atcctggggc tt 452

<210> 2012
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H83109

<220>
<221> unsure
<222> (1)..(286)
<223> n = a or c or g or t

<400> 2012
ttttcccact aaataagaaa actttaataa gatgattaca aagaaattaa taaagaaata 60
gaaaatgata gcagcttcaa aaataaccagt ctccctgttt taaaacaaan tcantaaant 120
cagngaataca caattcattg aactcattct tggctacaag gaagcagctg gntagntccn 180
ctggcaggca gccctgcagg nttaaantgn ggccactgc caaaangccc caantngat 240
gccgtcctcc tcctcctcac accatcctca tcaggcaggg aaggat 286

<210> 2013
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H83442

<220>
 <221> unsure
 <222> (1)..(307)
 <223> n = a or c or g or t

<400> 2013
 aaaacatgat attagtatat aagataatat agctagccag tgtagtaaa gaagtcatga 60
 ttgagtctta aaaaagaaca atccagtgtt gcagttcaga gaggttagca tgtcagggcg 120
 caggctcggc ganggatgtg ctttgcattht aggacacagc ccggagccgc agaaggtcag 180
 caggagcacg tctggcacct tcagtaccag gctgggtgag agagcccgag aggggngccg 240
 ggggggcagt cagggccctg cttcgctgnc tgggcccttg tagatgggcc ttntccaggg 300
 ccgntcc 307

<210> 2014
 <211> 312
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H83451

<220>
 <221> unsure
 <222> (1)..(312)
 <223> n = a or c or g or t

<400> 2014
 gacatatgaa ttaagtgggc aaatgtaaaa ctaatgggga caccaagcct caggaagaac 60
 atcccatgtt tctgtttaat tctcttatgt gttatactac cttccctttc tctttcttat 120
 acacatagat tttccttaat tgcagcccaa gaggacactg ccccatthtg ttttggtctt 180
 ttgtcattgg gacttaaagt gggcgctca agtctttggt aacagthtta acagaacact 240
 ggacaatgac tgggatatca ggtcagtggg tgganctcct tcccaaggct actggtctgg 300
 nacactaagg at 312

<210> 2015
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H86072

<220>
 <221> unsure
 <222> (1)..(353)
 <223> n = a or c or g or t

<400> 2015
 aaacatgttt attagaaaag taaaaaatat tgcataggnc ttaatacttg aacatcaagt 60
 gtattcatga acagtgagta tcttancttc atgtaaacag tnctagatgg aagaccaga 120
 tggcactcct cccggggngg gntnccagcc cccaccctct cagccctcc cctgccagct 180
 caactctgca gtacacgatg ggggaaggct taaacgcagc tgccaggggg taatttttca 240
 agtgtcaaag ancccaagt atccctgnac acccaccctc tcctactctt acattcatgc 300

ggcccagcat ggtgggtgcg tgctgtagg tcccaggcta ttcggggagg gctgggggtg 300
ggggnaggat cacctgaggc cngggggnag tgggaggggt gccggtgga 349

<210> 2019
<211> 227
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88033

<220>
<221> unsure
<222> (1)..(227)
<223> n = a or c or g or t

<400> 2019
aaccatagac ccaaagccct tacgtttgat gcaatttatt nttaaaatag gccttgtttt 60
tcagcttcac ctgcagttct atgtgaagat tgataaatca gtttttactt gttttattaa 120
taaaacgtaa tttggatata ttgagttgat ggttttgtga tttagctggg taaactatct 180
ttgtaacaga taagttattt ataaaaatta aaaaacttat attctaa 227

<210> 2020
<211> 293
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88359

<220>
<221> unsure
<222> (1)..(293)
<223> n = a or c or g or t

<400> 2020
tttttgccag agctaaacaa tttaatatata aaaatgccat tttttgtcca tacagtattt 60
ataaaaaagt acatagtggg tagttttgca ataatttctt tttagccaga tgcatatca 120
tcatataaat ctatgaatat aacaaatgac ataagaacag tataaataag tttttgtagt 180
atttacactt acacagaaac tagcccaaat ggtgtcctaa gaaattgttt acagttaaag 240
tgaaactact gattcaacat actgacactc caatgctttt taaagtttcg nat 293

<210> 2021
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88674

<220>
<221> unsure
<222> (1)..(397)
<223> n = a or c or g or t

<400> 2021
tttatggttt ttattttttca attttttatt tggttttctt acaaagggtg acattttcca 60
taacaggtgt aagagtgttg aaaaaaaaaa tcaaatttcn cncgngcgg gggaaggagt 120
taatgaaact gtattgcaca atgctctgat caatccttct ttttctcttt tgcccacaat 180
ttaagcaagt agatgtgcag aagaaatgga aggattcagc tttcagttaa aaaagaagaa 240
gaagaaatgg caaagagaaa gtttttttcaa atttctttct tttttaattt agattgagtt 300

catttatttg aaacagactg ggccaatggt ccacaaagaa ttcccgggtca gcaccaccgg 360
atgtccaaag gtggcaatat ccagggaagg gcaggcg 397

<210> 2022
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H88675

<220>
<221> unsure
<222> (1) .. (374)
<223> n = a or c or g or t

<400> 2022
aattttaata gataaatgta aatttgactg tgtaatacca aatggaaagt agctgaacca 60
cacagagaaa acaaggcttt acgtatctcc aaatttagct gttttacaat aaacaaagta 120
ttagaaccatg tgaatattag aacctccttc taactggaaa gatttcttca gtaagctata 180
accgaaatta atataaacta aaattanaat ttctaaaata agaattaaca aaccaaattt 240
aagtattttt agtcagagat tgaacaaaaa taagcacagt gatctagaaa ccaaataatac 300
tggnttatgt aactatcgta tcaagggtaca gacattcttc acatggctac aagggttagc 360
atttctcctc gtgg 374

<210> 2023
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H89514

<220>
<221> unsure
<222> (1) .. (445)
<223> n = a or c or g or t

<400> 2023
acaaaacttt attggttaata gttttcaaat atgtttacaa cagcacactg ttcaagagga 60
agtctcgtcc ttcgcagcac acagggttgaa tcgccccgc acccaccgg ggccccacc 120
caggcctgag aactcctcct gggatgggga gaagttatga gagggggaaa tacgggggatg 180
aatgggggtgg ctccccnccg gctccccact tttctattac gagagaaaaa agcacaaatg 240
agaaagtggg gggagagggt gatgggacag ctgacagcta agctgggagg gagggggcgc 300
ccgggatngg gngagggcgg aacttgggtg ggggtgagtaa aacaggcagc ccctccccag 360
cagcttttag cctttnaacc ccgggcntg gttttggggg gattttggct tttctntttc 420
ccttttnccg ggatnccttn cccat 445

<210> 2024
<211> 278
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H89551

<400> 2024
ttttattttg ccaagtatgc aacagggtata tcactagtat atgaaaatgt aaatatcact 60
tgtgtactca aacaaaagtt ggtcttaagc ttccacctg agcagccttg gaaacctaac 120
ctgcctcttt tagcataatc acattttcta aatgattttc tttgttcctg aaaaagtgat 180
ttgtattagt ttacatttg ttttttggaa gattatattt gtatatgtat catcataaaa 240

tattttaaata aaaagtatct ttagagtga aaaaaaaa

278

<210> 2025

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H89893

<220>

<221> unsure

<222> (1)..(428)

<223> n = a or c or g or t

<400> 2025

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aanttacntt ttagccaact tttatTTTTtA tgcctagaaa aatacatggg acgttttagga 60
ctaagtgtgt gggcaatttg ctacttagtg atagtaacac aatcctgaaa aggcaagcac 120
aattattctg tactTTTTtAa aagTTTTtatt cagcaataag accataattt ttcataatttA 180
aggagtatga aaaattttgtg gagtTTTTtAa agctgaatac atgtagcggt ggatcaaggc 240
acatacaaga ctggccaaag ggcggtacaa tgcactttgg ttttttggtg aaaaaaaaaa 300
atcatgggca acagaaaagt gatatggttt ttcaacaagt aacagctcac aattcagtag 360
gaagctagaa ggaaatgtta cattacgagt tcnttatata atatccggga aatttgtgac 420
agtaatgt                                         428
```

<210> 2026

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H89980

<400> 2026

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aaagtgagaa gctcatcaag gatagctaga ggagagtga atatttacag tagaaaagta 60
tggatgctag ccaaacttca aattctgtca ctgcagagtt attccgatag tactttttcca 120
ccatggcaca tcacacatgt taaaattaac tgcattcttg taacacctct caatgggttg 180
gcacaataat agaagcaaca ttctgggact ctttttctta agatcctaca gaatgaattt 240
atgcacacac aaaaacaagt ataatacaaa acattcaaaa caagtcacat cc 292
```

<210> 2027

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H89987

<400> 2027

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ttacaaaatc caaaataatt ttattcacat tttcagattt ttgcttccac aaggtgttca 60
gcaaacatgc taaggcgaca gaatgtctag ttggtcacga catgcaacgc tgaccattca 120
actgatgaca gcagtgacca cgcccacctg agctaccagc cccacagcac aaaggggggtt 180
tgcgggaaca caccaaacca cacagcaacc agcaacctga ggtaggtctc tttacagtac 240
aaaaacttct acgccagtgt gagacactga ttaggcaaga gctgcttaaa gttgcagact 300
ttgaggggag agagagagag agactgtgcg acgactgcgg tgaggaaagg g 351
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<210> 2028

<211> 392

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. H90417

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 2028
ttcacacaga atgcatgttt cacctctgta acctaaaaat gtttacgata atttaaacta 60
aattcatgcc attttataga acacatagta ttgcatacag gcaatttncc actatctgtg 120
cccctggaag aggcagagca cagatgactt acaacagaat tctaaagctc ttttaagtgt 180
aanccaaatc actggtatgt gacttaagat gcattttgtt ttttaactcc gntcactgca 240
ttttgcttag gggtatanta aattatnntg tggcccaaaa gcttgacaga tgtcaggggc 300
taagggtgct tggaattaaa agggggaaat taaatnacca gtaattgaaa gttggacctt 360
taaaangtgc ntacaaaccc atcatcagga gg 392

<210> 2029
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91325

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 2029
canattttta tgtttcaata actgatttat tttttacccc ttgtacttaa gatttaacat 60
gtgttgatt tccagcagtt caaatctaata tgtgtcgaat ttccaggatt ggaggaaaag 120
ttgctccctt tcagccctcc tactagaagc actggagcta ggctggcggg cattggaccc 180
tagtaggtat agcaggctgt gaagagcgac tgggtggaag cagccccaga agaaccctgt 240
tgaacatact gtcctttggc cgccctggcag gtttagccatg gcccggttc ataaaagcct 300
cctgggttgc ctccttggtt ggcagccttg ccacccagcag nagccagnng cactggnctt 360
gggagggccc ggtccataag gggaaacctn agttttccag gggctttggg ttanaagggg 420
naaaggtggt tt 432

<210> 2030
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H91456

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 2030
agatattata catacaattt tatttggtat ttctgaggc atcctctgtt tggtatatga 60
atccataata aatgtagaa gagtctgttg atctgggggtg agttcagttt tctccctgca 120
tgactttgtt gtcgagggtca cttgtcgcaa gtcacgacct tcaactgtctt cattcacggn 180
ctgatctgca tgctgcttca catttnntct cagtcgctta gatttacact gaatttcagn 240
naacaagccg gtatacatat attcagncaa cattcccagc nctttgcatt tcctnagtcg 300
acactcttga cactttcnnc gcangtacat atccancaca cagttggccc cgtttttaca 360
cttggacaca gnggtttt 378

gatgccagga	cccgtatgct	tcaggatgaa	gttcttgtca	tcaaatttct	ccctgcagat	300
ggacttgcca	ccaatgctgt	atggcggtgtg	aagtcaccac	tctgacacgt	aaaccctgga	360
ataattctgt	gaaagcagga	acccttataa	ccaaatcctt	tttctccagt	gctcagagca	420
tggaattttt	ctgctgtctt	tggaaccttg	tctgcaaaca	gctccaatct	gttaacatag	480
ttttatggat	tagatgagca	gtcacttctt	gcnttccagg	ncccctacct	cgaaggagac	540
acagcc						546

<210> 2034

<211> 547

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H93053

<220>

<221> unsure

<222> (1) .. (547)

<223> n = a or c or g or t

<400> 2034

gagactgcat	agggctcggc	atgggtactgt	agccagttcg	tcaataatgc	atTTTTcttt	60
ctgtagaatg	tctagttgga	tgagtcagtt	ttacttccac	tatattttac	tttcctaaat	120
gctgatccaa	gtaactctgg	gcattcacat	aattcatttg	caatttggtt	acacttcaaa	180
ataaggctat	aattcatttc	atcagttatg	acactgtctt	gcttgtagtc	aggatgggtt	240
gcgataaaact	ccctcatcca	tctggcaact	gtcattagtt	ctccagatgc	tctcttctta	300
attagcttta	ggtagttcag	aatactacat	ctggtgtcca	catccactnt	ccatgggttc	360
aaggtaagag	ttcccgaatt	gggatcagtc	caggaaacac	accttccttc	ccattgatga	420
tggtggcnat	gcncatgagg	gtggactcct	ctgcagcgag	ctccgtgctg	ttccggggccc	480
tgccacaacc	atccaccact	gcattgccac	ctttgcaana	accttcccgg	aataaacatt	540
ccngcag						547

<210> 2035

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H93246

<220>

<221> unsure

<222> (1) .. (307)

<223> n = a or c or g or t

<400> 2035

atccctgggtg	tggtgtgtgg	gcctcttttaa	cgtttccact	gagccttaac	ctcactgtac	60
ttcactgtac	ttcacacgca	ttggtgttaa	catttttaac	ttagaagacc	ctgaccact	120
gagggtttgt	tgtgagaatt	gctgaagcca	cgtagaagca	ccttgaaatc	tgtnaaaccc	180
acaaagaaaag	tactttataa	aaggtatcct	tatttgaagt	ggataaatct	tgtaactcga	240
aaagtttgtga	tttagaagac	aggattgttt	ttgaacatta	ggaattaaag	gctatatctg	300
gtccttaaaaa	aaaaaa					316

<210> 2036

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H93381

<220>
 <221> unsure
 <222> (1)..(397)
 <223> n = a or c or g or t

<400> 2036
 ttatttttta ttttgctata gctgcaatgt tcacagtaat ccaagttcca atggcagggg 60
 ggcagagtgg aacaaaaaga ggccaagttt tgttggtgaa gtataattat tttttaagat 120
 cagggattca gaattgtagt atcagtgttc agttaggaag ttcttatgat agtgcattggc 180
 natgtccttt ccatcatctg cattttctgc tttttttgtc tggctcactt ctactcactc 240
 tctaactctc accttagtgg tcacttctcc ccggaatgtc cctgaccctt tatgatagca 300
 gtagtgcaaa caccaaaggc tgaacttaca accgactcn gcaggcaaca ccttgccttg 360
 tgccatgctt caatccatga agaggatgtg agaaaga 397

<210> 2037
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H93492

<400> 2037
 atgttcagag tgacttttga ttctgattct ttatgttttg tatggagcgg cactttttatc 60
 tgtgttttag cagaactgtt cctctgtatc ctttacgggt tttctttggt tttgtttcct 120
 ttttaaatta tgcataagat ttttttgtgt gtatgaaatt aaagccttta ttaaccttct 180
 ttgatttgac tgttatttct gaaaaggaca cattcttgct gatacttgta acaacctgtt 240
 caaagtgttg gaaatcacct tctgttggtt ttctgacatg gacttccttg cagcactgtt 300
 acttcttaaa aaggaacaga atggcaaacc agtgggtctgg gcccgtagtc ccccatgtga 360
 ttc 363

<210> 2038
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H93562

<400> 2038
 taaggcagga gtacagtggg gcaatcatag ctactgcag cctcaaactc ctgggctcaa 60
 gtgattcttc cattcttcca cctcagccac catgccaggt taatttttaa atttttttgt 120
 agagacgggg ggtggggctc ctgctgttgc tgaggctggg cttgaactcc taggctcagg 180
 tgatccttcc gcctctgtct cccaaattgc tgggattaca ggcattgagtc accatgcctg 240
 gccagcaaca atttgtgttt tgagaattaa cctgagccat ttcttgaagc tacctacact 300
 gccattccac agttgggaat atcttcacgt atctaccggc tagggaagaa tctgggggca 360
 gaaatcacct tattccagag cagcaattta gacgacgtag taggagtttg taggga 416

<210> 2039
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H93652

<220>
 <221> unsure
 <222> (1)..(414)
 <223> n = a or c or g or t

<400> 2039
gctgggactg ccccaaaggc naaacnnggt ttattgggca gcagctggga aaatcagcgg 60
ttggacttgg ccacacgctc cagctcgtcc ttcttcttaa tggcatagga gttcgaggag 120
cccttggcag ccattgatgn gctcatctgc caggcactca gcaatgggtct taatgttccg 180
gaaggcagcc tcangagcgc ctgtgcacag cagccagatg gcctgggttca nacggcgcag 240
gggggacaca tccacagcct gncgtctcac agncccgng cgcccaatgc gngtggagtc 300
ctcccgggga ccactgttga tgatggngtn naccaggacc tgcanagggt tcnngcctgn 360
gagnaggtgt atgatctcga aggcatgctt gacgaagcgc aaagtcaaga gctt 414

<210> 2040
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H93745

<220>
<221> unsure
<222> (1)..(443)
<223> n = a or c or g or t

<400> 2040
ggaattttatt gaaatacagt gtatcataca aatagaatat tcacatgaaa tgatcaaagg 60
aaggggtaag gagaaaagta ttaaaactga aaatttacct agtgaataag tggacataac 120
aattgagaat ctatccactt catgtcactt atggaaacaa cacattaaga ttaaaactaca 180
tgtttgctag agtaggagaa agtatatacc acagggacca tcattactct agagtgggtc 240
tatgcataac tcctcaaaaa gagggccatc gttggtgttt atgtggctaa aagttgtgta 300
ttttgggctt ctggagaacc ataaaattgg actcaaagaa tagtttcaaa ggaggtaaaa 360
gaaggaaatg ncgtggacaa ttggaaggac atgggaattn aaatgggntt ggtcncccaa 420
ntggcccctt aggtaaccga gag 443

<210> 2041
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H94247

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 2041
cctctttctc tctttttaat tgctatatat tagcttagaa caaggtacaa aatttggaga 60
ttcacaggaa cagcacagaa gtttaacaat attaataaag ttctaacaca tgacaggaaa 120
gtttatctgg gntcttgaag gcaacagctg gntctgcatg cacattnctg ggagtcnagt 180
ggattcngga anaggtcttc tctccatggc tccatcttgc tctttcacia aggacccta 240
gggtccatggc accataagcc cagggcnagt gatttgnagc atggagaagg gaatngaagg 300
gncccgccta 309

<210> 2042
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H94471

<220>
 <221> unsure
 <222> (1) .. (395)
 <223> n = a or c or g or t

<400> 2042
 tttgttactt ttacatgac tttattatatt aagaaaaacc tcttttaacc atttatataa 60
 cagaaaaaaa atagggaggc tggtagatca tcacatatat agtagctaaa atatgaaagg 120
 ccagggaatt tattattaat gaagtcataa aacagactta accaaaagtg tgtgctagga 180
 aacaagcagt ttcacttcag agacttcatt gcaggaaccc agtttcctta tgtggaaaaa 240
 agtgattata aataacagtt atctgaaagg tgggttgagag gattaaatga gatcacctat 300
 gcaaacaaat acatgtaggt atgaaagacc atccgtcctg ggggtngtgg aaagtttaag 360
 tttcccccnc agaacccttc cctttaaggg cctta 395

<210> 2043
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94475

<220>
 <221> unsure
 <222> (1) .. (373)
 <223> n = a or c or g or t

<400> 2043
 tttttgcccc ttcattcttt attcagggtg cataaaaaatc actacaaaaa ccttacaaaa 60
 gagccttaag gagctcatgg gatccttccc tgctcgggtt cctgagctcc cgggcagagg 120
 agggagacag gagaggaagg aagggaaatg ctggcagtggt tgggatctcg aggagccgtg 180
 ggaagtctgg cgtgacaagg cacagggggg aggatggagg ctgatggact ctcggcaggt 240
 taggccacag ccaaggctgt gccangacac gagttccacg cggggctgag gacaacgctt 300
 cgctctccga gccaccacca gggcccgtct ctccccaccc taagcctagg tgtcccggga 360
 caagtcctaaa ggc 373

<210> 2044
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94648

<400> 2044
 gaaaacatag tttattttct cattcaggct tttgtagttt atttttacaa aatagcagac 60
 aaaatttggg tcttttatatt aatagagaat atgtaagaca tatcgaaata tatatatagc 120
 acttaagtta taaacacaca gcaaattcag catcacttaa acagcaacca tattttcaca 180
 taatcaggat tgcataagga gataaacatt attttttagcc taaatatata aataatcttt 240
 gatgctttat gtcaattagt atttataaaa gctagtctaa aaactaacac cacctacaaa 300
 agttgattga gcttttaggt acaaccttgc catcatgcca ta 342

<210> 2045
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94666

<220>

<221> unsure
 <222> (1)..(408)
 <223> n = a or c or g or t

<400> 2045
 cttcacatattt attaatcctt gggaggaatg agggaggctt ctccagcccc ccagagaccc 60
 cggccttgtg ctgcaacagg aggggagggg gccagtccag aatccccggc acttctgagg 120
 acaccaacag caccctgggc ccgcgggtgca tcagctttct gccaccagga gctccacagg 180
 gtcgctgagc tccgattcga aggtgtgggg caccaggag cggtagtcna cncgtgagtt 240
 gccggcgtgc tggggcccca cgaagatcag ctcgagggtc gccgcggccc cgggggtgcg 300
 gaccgtcttc acggccttcg tctcgccctc gcgcanaagct ccgaagggtg acgtcgggga 360
 tgggtccctc gcagcgcagg acggcatctc ggcccgccag aaccgccc 408

<210> 2046
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95079

<220>
 <221> unsure
 <222> (1)..(402)
 <223> n = a or c or g or t

<400> 2046
 tttaaactca gcatccattt ttaactattg aaattttttt ttttttgaga cggancccaa 60
 ggctgcagtg cantggcgca atctgggggtc actgcaagct ccacctccca gggtcacgcc 120
 attctcctgc ctcagggtgc ccgccaccatg ccaggccaat tttttgtatt ttttagtaga 180
 gacaggattt cactgcgcta accaggatgg gtctcgatct cctgacctcg tgattgaaat 240
 tctgaccctg aagagcgtac ttctgtaagt agaaagacgt ttgctcttaa catatagtct 300
 gcacaattca atatgaacgt tttatttcca acaagtatgt agttcactgt tccatgactt 360
 gtgcataaca atatgaatta tctactatga aaatatagtt ta 402

<210> 2047
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95089

<400> 2047
 cagaagccac atttcccaac ttgtgttcta aaaataattt acataagata aaaattcatt 60
 atatgcacag tatgtacagt ttaattatta aactgtatgt tttgcctttt tgtgctaaat 120
 gtaaacacca caaggggagg tatctttgtc tgttgacaat gatacattca atgtttctca 180
 agcaccacca atgctgggtt gtatgtgggt atcattcaat ctgtatttgt tgaatgaata 240
 aatgattgac tatgtggaga gcaaaattga tggacctgaa aatgttttgc aaaatgtaat 300
 atagtctact gatacaatat ttattattat tgggccaata atgtttaatg ccaagtgcta 360
 aattagtaaa attttgggga tatagagaaa aatt 394

<210> 2048
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95233

<220>

<221> unsure
 <222> (1)..(331)
 <223> n = a or c or g or t

<400> 2048
 ttattataaac ttgtacattt tacttttcctt ctttcagaat gctaataaaa aactttttgtt 60
 tataacttaaa aaaaccataa atcagacaaa caaaagaaac gattccaaca tcacttctgt 120
 gatgagaaaa gaggcaatgg aattcaacat aagcaaagaa aactctacct ggaggaaaga 180
 aatcgatcag cgaggaaaca actcggggct gctgcagaac tgcaggccat gcgaggagga 240
 gcctcctaga ggattttcaa agcaaaccga tccctgccag accaggaagg cagccgtcct 300
 anctcccaga gnaacagacc tcagccctaa t 331

<210> 2049
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95358

<220>
 <221> unsure
 <222> (1)..(465)
 <223> n = a or c or g or t

<400> 2049
 cagctttttaa atttttattt aattccatat aaatgaaagt acatatgaat gctattattt 60
 gaatagttat ttgggcatag acaaaataat gacaattgtt cttatttttg acaaaaagat 120
 gtttttaaagt aatacagcat atatattatt ttgttaaata catttgaggca cttcttaaaa 180
 tgatgggtga atttaggaat aaattatttt tctgcaaact attcccaaaa gaaacaaatg 240
 tggaacagta ttcatatgag tttatttttg tgataaagta aaaggacatt tatacttttt 300
 taaagactga gccataatta agattatacc cttaaaccctt gagtatttaa aagacccttg 360
 gggtacncct gggttacnng gtccagaatt taaattatac ccaagtttga gtgcncacc 420
 tcccaggaaa ttaccaatgc cccntatacc caatattagg aagcc 465

<210> 2050
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H95566

<220>
 <221> unsure
 <222> (1)..(341)
 <223> n = a or c or g or t

<400> 2050
 ttacnaact agataganac ctttatttca caactttatc atcattcaca tnctaanaag 60
 acacggactg ggggacacag ctgaaaacag tgggaggcca gatgctggat cntccagacg 120
 ggagcatagc catggctact ctagccgatg tctcctgggg ctctcaggcg gcaaggacca 180
 gattgcacca ctactgtcca atcccagttt tacttagagc cacctccttt tttggggcca 240
 ttantcctta tttcatgcca gatttttact agcggtccc ngttcttcca aatcagtttc 300
 atgacctgta agtaacatac catatttcaa aaagagctcc c 341

<210> 2051
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H95569

<220>
<221> unsure
<222> (1)..(351)
<223> n = a or c or g or t

<400> 2051
tggttcctaac acaaatgtga atttattggt tgatttgata tttaaaatag tactttttaca 60
aatcatctc agaaaaatata ctacattttat taaaattcct acaaaccatt gcagaaaata 120
ttaaaccttc taaccaacct aacactcgc ttcagaggca cttgtgatga ttttcacagc 180
ttccatagtt gcaaagaaca aagaaatcat cttccaacag ggggtggaatt agataagaat 240
aatccaaaaa atattttattt ctttacagac tcacagattg cttgatgttt aggggctctt 300
acctaggata cctaattatt caagggtttc cnaatttagt agactttttc a 351

<210> 2052
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H95978

<400> 2052
ttttttaaaaa attgtttacc ctgtacatgt ttctattgaa tcctaagtac gaatgcccac 60
ggagataaag caagtgcagt taagtatgca tgggaaagct aaaatgggta tgtacataag 120
atcggcaaaag gaaaccaagt tctgtaaaaat gagttctccc tcccctccag ggtagctgat 180
tatgaggaaa ataagaaaaga gctttgcttt tctccttagt agtaatgggc tacaataagc 240
tgcacacaca catccctcat cacacctctc tgctcaaaa 279

<210> 2053
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H96392

<220>
<221> unsure
<222> (1)..(427)
<223> n = a or c or g or t

<400> 2053
ttacagaaat tttattttgag atctcaagtc cttataaaaa gtgcattaca tcaagattgc 60
aaaagacact ttttaaatgn gagacttcta tctatttcac catttttacc tatgattcat 120
ttcctaccct aacagaaang atgaaacagt ttttctttct tcctttttctt cctcctgctt 180
tgaaagggca actgtcatga gggatatctt aacagaatgt gccaattaat ccttgccagg 240
agagcagtag cttcctacng gctaaattta gagagccctt ggcattcctt ttgggtgtggc 300
tcaaagatta ttacaagctg natctaaaag attgcaacct acnacttggc aatctgggtct 360
ccnngggctc ctctttttact nacaaactcc cattttaaacc aacnttaaat ttaagcacgc 420
aataatt 427

<210> 2054
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H96614

<220>
 <221> unsure
 <222> (1)..(451)
 <223> n = a or c or g or t

<400> 2054
 ttttggtttt cacatttttta ttgggagccg tgggagggca tcattacctt gggcacaggg 60
 gcagaagaga gcatagtctg ggactcagac agagggaagc ttgtcctggc ctgagggggc 120
 atagcaggca gtgctgcagg agactcaaaa ctctcacctc cactgacccc cagtggaggg 180
 acacctggaa ctgtctgtaa aacagtggct ggctgtattg ggtgaggaat ccggagcacc 240
 attttgctcg gaggggcttc tgaatgagtt gattgggctg gtgttttccc agggttgaag 300
 ctgggctggg agagaggggc tgggttggat aaggaggggt ttcaggactg atgaacgctt 360
 ctgtctccaa gccttcttgg ggaaacggct ggcaactggc ttcagtttca ggactacacc 420
 ccttaggcaa tagcagtggg taccgagttt n 451

<210> 2055
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H96850

<220>
 <221> unsure
 <222> (1)..(394)
 <223> n = a or c or g or t

<400> 2055
 tttttgaggg caacatctcg ctttattttt atttatttat ttattttatt atatttgaga 60
 cagagtctta aactgttgc ccaggctgga gtgcaatggc gtgatctcag ctactgcaa 120
 gctctgcctc ctggattcat gcctttctcc tgcctcagcc tcccagtag ctgggaccac 180
 aggtgcccac caccacgcc agctaatttt ttgtactttt agtagagaca gggttttacc 240
 gtgttagcca ggatagtctc gatctcctga cctcgtgagc cgcccgcctc ggntcccaa 300
 agtgctggga ttacaggcat gaggaccgtg cctggccacg tccctatttt agaaatgaga 360
 ggagtgactg cacataggaa aaatgccact tttta 394

<210> 2056
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H96897

<220>
 <221> unsure
 <222> (1)..(420)
 <223> n = a or c or g or t

<400> 2056
 acagttaaac atatttaata gaaatattaa aataatcatt acacttcctc tcattgcaga 60
 aaccatgaaa gaatacgctt tttgtaatca aagtaatttt ttatcatgca aaaaattatt 120
 ttgttatgac attcgtaagc agagactata tttcaaaaaca agtttataca gacttcaaaa 180
 ggtctaaagt caaagagaaa gtgaaatata tttaaatatg attagttaca tcgtatgcag 240
 ctggcatact catattcaca gtttataaaag taaaaaaact aaactcttca tgtcagctct 300
 gaaatagatg catttttcatt aatacnttca ctagttaggt cngttcntct aagacnggag 360
 gaaagatgag atatatgagc cattttttaa nggacaaaact ccacatatcn gcagccaatt 420

<210> 2057
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H96975

<400> 2057
 cactttatct tttctacttt attacttcaa attaacaacc acgataaagc tcaaaaaagt 60
 ccaatattta cacaggaaaa aagtacaaaa ttcccccaa agttcttcag tttttttttt 120
 ttcagttttt taaattacaa agtaataaaa agcttttgctc tttaattaaa aaaaaaaagg 180
 aaaaagggga aacagaggta aataaattag gaaaacacac acacggagaa aacaaacaaa 240
 aataaaataa aataaaaaaca aaaaggtgtt aactaggaag gatgggttaa tccaaaaccc 300
 agccctgact ccaggctcct cctcagaaaag gtggaaccag ggagaggggg gacccagggg 360
 tgactgtcag gaccaggga gtaatttata actcagccag atgccttctg gaagcagtct 420
 ccatggattc tgcctta 437

<210> 2058
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H97012

<400> 2058
 agttattaca gcaaatactt tggcttgatt gtctgtgtct tgtgacaagc gatagtgacc 60
 cagtagaatt gcatcagtc tggatttctt agttctttaa cgtggaacaa tggactgagg 120
 ctcttcagg gttgtcaaca tcatcacatg gccatcagga aagaatctta tgtacctgta 180
 atattccact tgggtgccagg ctctatagaa accatcaaga gactgttccc cttgacgaat 240
 atatgtggtt ttactgatat acacgccatc aaaccgaaca cgaggccgtt ctaaaaacat 300
 ctctctccag gacgtgtacg gaacaagttt aatacagctt ctgccccaaa ctttcaagca 360
 ggccagacgc catatttcag ggtctctggc acaga 395

<210> 2059
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H97013

<220>
 <221> unsure
 <222> (1) .. (396)
 <223> n = a or c or g or t

<400> 2059
 ggggagggca acaaaaagat gagggtttta ttgaaggttt ggtctagata cttataaaaa 60
 tacaaactgg catgaaattc aacctcatga agagtcctgc ttcatagaag acaagtgagt 120
 gatccccctg ggagggcaag gtgctgcccc agggaaaagg cccacagnac aagatggcag 180
 ggcttcttct ttgccctggt ccagcaatcg acctgtcccc aggtcttcag cctgggcccc 240
 cagctggctt gaggatttga tcataccaaa tcccagtcct cctgggggaa tgggctgaga 300
 ccctcagagc agccttgcaa agcgccttgt gtttgtcttt gcctctgctt cagagtgtcc 360
 agggctgtct actgctcttc ttagcctgt natgag 396

<210> 2060
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H97587

<220>
<221> unsure
<222> (1)..(592)
<223> n = a or c or g or t

<400> 2060
ctttcaagat gagctgtatt tattactgga acggaagttg tcatatccgt gatcattagc 60
tttgaacttt aagcacgact gcttttcctc caaggactgt ttttcttcaa atgactggca 120
ccagcagcat aagcatgact taaagcagtt tttgaatctt ttgctcacca aatacagagc 180
aattgggtta atgcaggaat tcagtgaagc catgttgata ccaatatagt ccaataccaa 240
cagaaagctc aaaagttcac atctattggg atcattctga ttataaagag tgagcttcag 300
aatcctgctg aggtgaaggg gaagccagca gagggcaaag accaggacca ggcaaaagac 360
cggntttttg gccacttncc ggctctggct ttaggggtgg ccattttaaag caatctgcat 420
gccacttttc cttctcaaca ttacacaggt cnttagtgta taaaaaatgc ngtgatggcc 480
atgnaaagcc ggaattgnac tggacagcca ccactctttg ccggcctggn aactggctgn 540
aagctgtctt ctgaacngga tgagccagcc agttccccga tacttcctnt gt 592

<210> 2061
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97670

<220>
<221> unsure
<222> (1)..(431)
<223> n = a or c or g or t

<400> 2061
acaaaaatagt tcacaatatt tatttaacaa gcgttgcat gaaaacaact ttatgcacag 60
tgaagcaacc aacaataagc aaacagaaag ggggtggtaaa aacagtacgt tcacttttca 120
tttccttcct tggtttgat tacacatatt cttccatcct tgcatttttg gagctacatt 180
attagtccat ccaataccaa agtgagcaga tacttgatcc catttctgga aaggaaatgt 240
ccatcttggt gtaggagttc ttgaggcagc tggatttact gcaaattaag taaaccttta 300
aaaacggcat tgtcacaggc tatgtgttct ctgacatgcc aggctggaca ggtgagaaga 360
gcctccaaaa gacaaaactt cttcctgggt taaagaaaca gcacactagg ccagataaac 420
nccaaaggaa a 431

<210> 2062
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97677

<220>
<221> unsure
<222> (1)..(436)
<223> n = a or c or g or t

<400> 2062
aatggaatca taaattttat ttcaaaatgt aaacgtcact aaacatgcat acacgttaaa 60
acaataaaat ttacaatttc gttaattttt ctttttgcag aggacatcat tacaatatag 120
aatctatgcc atacaaaata catacaaagt tttatccgag caagccaagg ccagactggg 180

```

aactgtacaa ctgtaatact tcactgtagt gatccaggaa agatgaaacg tggccttcgg 240
aattatgggtg ggtgctgggtt aaaaaaaaagt tcctacagaa aagaaaaaca tgagctccat 300
ggaaatgggtc ttggaccctt ggattctgcc ttggnntttt ggcaaagtat tccagagaag 360
ctccaccaat ggcttttggat gggaaggggn tgctgtgctg ggcttggggc agctgagacc 420
cggaagcat gcaccc 436

```

<210> 2063

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H97809

<220>

<221> unsure

<222> (1) .. (422)

<223> n = a or c or g or t

<400> 2063

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ctgtttcatc caatttttatt cttttncata aaagcaatgc agtaaagata aaactaaatg 60
tggaccctgg gaacaaggag tccagagggt gcccaaagag tcgcaaagt catcaggaaa 120
cctgaatgtg aagatcggtg accgagagcc tgatgccagc ctctcttgg gtcttgactg 180
aaatcttccc aggttgctat tggattttgc atgtacgagc ctccatcaga ggatagactt 240
aggcatatgg ttgcccagt gaattgaaga atctccagag tttatgaatt gaagagtggg 300
atgaatacaa tacacagagc accgaagcaa acacatcaga atcgaggcaa ctccctgttt 360
cgttcaccat gaagaaacat ctgtgaaatc aaagtcattc ccggtggaat caggctgctt 420
gg 422

```

<210> 2064

<211> 543

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H97868

<220>

<221> unsure

<222> (1) .. (543)

<223> n = a or c or g or t

<400> 2064

```

cagcnagctg tgctttattg acaatgcgga ctggtatgta cgaggccgaa ttcgacttca 60
gagaagcact ggaggacggg ggagaagaag aggttctcgg actttctccg tgactaagga 120
catgagagg taaagttgtc ttcttgagaa ctccagagg cagtcaggc tttggatctg 180
ctgcagttga actgggtaaa ttagaacctg atagttgagt ggaatgggga aacagtaacg 240
tcgaggagg gcccttcgat gcagaaaagg gtgtagagt agcggtagt tgaaaatacg 300
tagctgattc ttccaccacg gccccaccga catccagcct cctagttgtg gaactcctct 360
aggacagagg ctccctcgag gttaactggg tcgggtgggt tggtcggatt agttggagaa 420
acaaggagaa agcaggtggg ttacaggcaa gctgctcaga ggtagtggga gaagaagtta 480
actgcccatg cttttgctga agggccatcc catgaagcat tcaggatgtg atgagggtctt 540
gag 543

```

<210> 2065

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H97986

```

<400> 2065
acccccattgt agaagaggaa taattttattt ctatatgatt ttaataatgt tccctaagta 60
attagtaatc aagatttttct tcaaattcaa attaacaaat atgtttgtta atctaaataa 120
tatacatatt tatgtattta tatatgtata tattttaatc tttctgtaat tcagtcttta 180
actgtgaact tttacatgat ggaagcagtg aaggactcaa tgatcatagta ctttttgata 240
gtatttgata ggcttttttca ggtcaattaa tttagttgct tgcaaatata aatcaagctt 300
gctccagttc cacaaggact ccaccacagt ctttaggatg gagaaaaatc actgggttttc 360
catgtgctcc tatttttgacc tcttcactta gactgcggat cttctttttt ttcaaatacca 420
tcacag                                         426

```

<210> 2066

<211> 596

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H98071

<220>

<221> unsure

<222> (1)..(596)

<223> n = a or c or g or t

```

<400> 2066
ctgtattata cgttgataca gtacactgcc aggtgaaaca agagccttaa taaagcatgc 60
atcgcccaca cccctgtatg agacccccac agaagggatc gcttgntaag gcaccattat 120
gaagggtcaac agtgcattaa cagctagaaa accagaaatt agtcctcaag gcataaataa 180
gagaaaacata gctgcatgag aaaacagttt ctaagcggtta gtgggttttat ccacccaact 240
gagaaaaaatt ttaggttctt aagtctaattg aaacattaga ccagcaattc ccagccccag 300
ctttgtgaca ctcaatacgt gtccaatttc ttctaagggg catcacagaa ttctccaaaa 360
agttaattca aattcagaat catttnaaaa ataatcctgt gttggacaat gcctttcttg 420
aagggggagtg ttacaaactt ggagggggaa aaaaaattgt atattgccag gcccgnttgg 480
ctaggggggt ccctgtntta gcagatggga tcttagctgc tcattactgg gatccgnatg 540
cagtcctgac ttaaaatgga aaggcttnag ttccccggnc atgcatgact tttgnt      596

```

<210> 2067

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H98083

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

```

<400> 2067
aagtcttggt ccccatthtatt ttttttggtg tgattcagaa atacaaggta tgaaaattag 60
attacaattc tgccacaaaa gcttctaaag tagcaaacac aacttttggt atcaaaatag 120
ccatgtgcgc ttttatcagt taaaaagtct ttagagttat cacatcaagc aagtgtaaaa 180
tataatagct actatctccc cttcaaaaatt gcaaatccac agttactgca ctgaagtata 240
atccgaagag caagatttag tccagaatat ggaaggttct ggttggcagg tactttttaa 300
agctgactta ctaagaacta aaagaaatga gaaatataca aagcatctta tgtcaaagag 360
tatgaatatt taaaagtggc ctcaagttag taatacatgt ttaaattaga accngatgta 420
attaaatggt tatggaattt                                         440

```

<210> 2068

<211> 440

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. H98657

<400> 2068

```
atacggaaac gagggagctt tattggttac atattgtact gcagagccaa cagagagcat 60
tcgcgccaga ggatacatgc agacaggcag ctccaatgat acacatgcac ccaaggagcc 120
ctgagccact gctttgccct ggtttccagc gacaggttct ggcttccttg gtcccatgct 180
tggagctgct gcacctagac tctaaggggc aggggtgaga gagaccagag cacctgcctg 240
agcaagtagg tgtggacca caggctgccc ccaacaaagg ggctataat gcaataacag 300
tttatttgag ggctactttc ttagccctct caatctttaa aatacaaaaa aatagacttt 360
attctcttaa aaatacattc cattcagtat atggttctga gctggggaag cagcaggaaa 420
aataggggcc ctttcccatg                                     440
```

<210> 2069

<211> 251

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H98771

<220>

<221> unsure

<222> (1)..(251)

<223> n = a or c or g or t

<400> 2069

```
nttttgatat ataaggccac aatattttatt ttggacaaac cccttaaagt agcgatttta 60
ttatcaatgt tattcattct ttgaaatat aaagtacttc agctgaatta aggttgcnaga 120
naatttntaa aatacaacac acatcatgac tagtatatta aaattattta tattcagata 180
tttatatcta atatcaaag aaaattttact accanatttt tacagtagac attaatacagt 240
ctgacatgct t                                     251
```

<210> 2070

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H98822

<220>

<221> unsure

<222> (1)..(437)

<223> n = a or c or g or t

<400> 2070

```
atattttnag tgaatcattt aatgtgagtg aggctcagtt aggtgttacc ataagtatta 60
acagaagaaa aagggaagc acaaacattt tccctctacc agaaaagggt ctgatgtaag 120
ataaactagc ctggttggtt aacaatagct cattaataaagg gccagagaat ctgggagaa 180
atgtacttgg aagcactgtc ctctgagggc ccattcccaa gggacagcaa aatactgaaa 240
aaaattaact ggctcaaaaa ttatattgag agataaaaaag agttagtcac agcttagaaa 300
aaaattccag aataaatgac actagctaga ttagtaattc tgatgtttcc ttgtcatagt 360
actctgtgcg aaacagaggg actacaaact ggtgcccctt tgaacagagt ggttttaaat 420
aatagattct ccagtgc                                     437
```

<210> 2071

<211> 432

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98910

<220>
<221> unsure
<222> (1) .. (432)
<223> n = a or c or g or t

<400> 2071
tccatgtatt ttattgtaga acgataggta atcttttgac tttctgaata catttgaata 60
tgtactgctc tgctttccat attttaatgc aaggccatga tttaatgtcc atttttatac 120
tcttgtaatg tcatgtcatt acaaaaattt tttagaacat ggatctgaca ttatttttat 180
attttatcat taggtttggt tagtttattt ttacatgtaa aaatgtaatt ttatataaca 240
agccatggaa gtccaaagta ccaggggattg cttgatagca ctatatatta aataatcatt 300
caattacctg aatcatttta ggnaaaaaaa acctttgtaa gccatatggt cacatgcctt 360
tccagtaatc ntcccttcct ccataagagt ggggttttaag cnccaatcca ttccccaatt 420
ttaccggatt tt 432

<210> 2072
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98924

<400> 2072
tcagggctag agaataagtt tatacactgc ctcgttaggt ccagggggccc gcgcacgtgg 60
ccagggcgggt ggtcctgacg cttcaattca tttacaagta ttggattcca cgcctgctcc 120
tgtgcccgcga gcttcccca taggccagca atctcaataa tgctttatta aagggcagat 180
tcatatgcgg ctcttggggg aattttttaca aatatcaaag gaactaatcc agcatcctat 240
atagaactct gcacactttg ggggagggtcc gtgaagcagg acaaagtgtc ctttacacag 300
ggaattgagt cggttcaaag tatctgctct gtggggagga caccctaaag cattctacat 360
acgtcacccc tgctctcagg atgcacccag tgggctcgcc ggtcagggtg gccttgcggt 420
gtccaccccc aca 433

<210> 2073
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98977

<220>
<221> unsure
<222> (1) .. (522)
<223> n = a or c or g or t

<400> 2073
gaggtctggg aggtgtttta ttccacctcg aacaacttgg caaggtcagc agagaagcaa 60
atggataaaa gtacttcaca acagcagaaa agttocatca ggggcgcgtg attcccacaa 120
aaccatggca atgtgtccta ctctcaggaa cccacaatgg agggcggctc cggagatttt 180
ccatgaggca gtacagggcc cgtacatgca acgtgtctga gccccgcctc agggttgngt 240
actggccgcc ccgagtcccc gaaacagcga ccancagggg gccaaaggccg acagccctga 300
ccccgcctc ctccggggtg tgccccactt gctccagaca agacagaccc cagcgtgcgg 360
gcatgggagg cgggtgccag gccacggcgg ggtttcctgc tctcggagtc gagcagaggc 420
aagtgaacaa aaggtcagtg aacaccgagg tccagagcan ccgccgcctc tggaaccttc 480

ccgaggtccca agggncggtt acgagagtcc ttgcggcttc gt

522

<210> 2074

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99261

<220>

<221> unsure

<222> (1)..(332)

<223> n = a or c or g or t

<400> 2074

ggaaatgaac	gtaaatttat	tgaaactggt	tttggggcag	gggatgggtg	gacagctggg	60
ggttttccaa	agagaactgg	aggagccagc	gcccggccag	gtgggagcgg	gtgcctggcc	120
acagacccta	tctcaggccc	agcttcttct	tttccttctg	cttcttgccg	accacgtcca	180
gattccggtc	cttccacatg	ctcttgcgaa	ctttgatggg	gcgcgacaac	antacttccc	240
attcatctca	cgcattggcg	gcacgtagtc	gctgggggtc	ttgaagctga	cgaagcccgt	300
agcccttggt	cttgctgtg	cgcttgctac	gg			332

<210> 2075

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99364

<220>

<221> unsure

<222> (1)..(458)

<223> n = a or c or g or t

<400> 2075

ggctgagagg	atttctttat	ttcgcgttca	gaccaaacac	actcggacac	cttggggccc	60
tgtgaggntt	aagcaggggt	gtggcgctag	tcccggggag	gccccactcc	ctggggagga	120
aatacacggc	agggggccgc	accagcccc	ccacggaggg	acccgtgttg	ctctaacagg	180
gacactgaag	ttgcctctgc	cgccccgtga	gnttgntgng	cgcccccaag	accagcccca	240
gccaggccag	aggagcctcc	caggggccct	caggtgggtg	aggtgggggc	ttcccggccc	300
cggtgcccac	cggcccttct	aagctgcctg	tgcttggggc	aggtgtcctc	tgaggccggc	360
aagaagttct	ggcccccgct	gcaactgcgc	tttgggtggc	ggcangggcg	gggtaaggag	420
gtcaacctcg	aaggccgggg	gttcccatgt	tgctangg			458

<210> 2076

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99393

<400> 2076

gagtggtaaa	ataattacac	ttaatatattt	aatagtgtgc	tgtgaaatac	atagtttttt	60
gttttggttt	ggcaaagtgt	tcatatttgtt	ttaatgactt	cggtccaata	taaagaaaat	120
gaaatacagt	gaatagttct	tctttcaaga	tgagctgtat	ttattactgg	aacggaagtt	180
gtcatatccg	tgatcattag	ctttgaactt	taagcacgac	tgcttttcct	ccaaggactg	240
tttttcttca	aatgactggc	accagcagca	taaagcatga	cttaaagcag	tttttgaaac	300
ttttgcccac	ccaatacaga	gcaattgggg	ttaatgccgg	gaattccagt	gaaagccagg	360

ttg

363

<210> 2077

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99473

<220>

<221> unsure

<222> (1) .. (397)

<223> n = a or c or g or t

<400> 2077

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tgaagtcaaa actgtttatt aatatttggg gacaaaagaa cttaaattga ccgaaaatca 60
aaagttacat tgccttggtg cagtgcgcct gggtttgtca aggctgctgc tacaaagctg 120
gagaacacag cacagggcga acagaggcaa agcggcccag cccaacagcc gggatggggc 180
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tacgcggcct accggaagaa aggggaaacc gaaagcccta gagcaatggg aataaataag 300
agtccctgcc agaaggaagg ttggccttgt gcgtcccccg tcttgttccc atgtagaaag 360
ccggnattct tggaggtgtt tcggattcan gggccaa 397
```

<210> 2078

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99489

<220>

<221> unsure

<222> (1) .. (456)

<223> n = a or c or g or t

<400> 2078

```
gccttaacaa aaataattta ttccacacac ctcccaaggc agggggtagc gtgggaatca 60
agcatgtgta aggcactgcc ccgccagacc cttctaactt ctgcacactg gaaggtgaaa 120
cctggagaga gaagacactc cctcccttag cttctacctg gcaccctcca aagatgagca 180
ttcatcttgg agacaaaaat aaaaaaggac aaaagaccag gctcagaggg agcagaantc 240
aatggggggg aangtgaaan gcagccatct tctcctgcan gctaagccan gggcaanggc 300
actagagacc cacatccttc ccatgccacc aaacttcgtt caggggtcca gncaaggcaa 360
gccantttaa gctgnaagg cccaggaaaa caatgggttt gcntccanct ggggngatca 420
ggcacggant ttccagaang ttttcaaaaa ccccan 456
```

<210> 2079

<211> 250

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99587

<400> 2079

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acaatgaatg gctcccaaag tcattttatt taacaaaggg gtcaaggcag aggaaagttt 60
cccttaatat ccccaact gctccacatg tcttctgtgg aaacacttca ccaggaacta 120
gctcaacact cttgctaaca atttagtgtc tatacaggaa ggctggtgtc tctgttacag 180
gtggcccgtt ccttaaagcc tttagggtta atcgcagctg cactgagtgg ccaagcagac 240
cctgttgga 250
```

<210> 2080
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H99727

<400> 2080
 tatcctgcag tgaattttat tgaattcaaa ggtagtattc ctatttgaga aatgaaaaac 60
 taaaatcaag ttttacaagc aagcatcatg agataaagca gtgaagacgc cttttcagat 120
 cacaccagag cagacaccag tttctacccc agcccacatg aagatgtttt tattcaatac 180
 aaacagtaac agaggcaaca caatggccat agaatgagaa cataagtgc tttgaatttt 240
 ttctgagttc tggctatagg ctctgacaag cctatcattc ttttcttacc aggtgaacag 300
 aaatcatctg ctaatgccag aaactttaaa gctcttaatt ccagctggaa acaactacaa 360
 tttgaggggc ctttatacta agctacttgg cttccccaat ttt 403

<210> 2081
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H99774

<400> 2081
 cattgaagta tttattacat accatcattg gccaggaaca gttctaggta cttgagttct 60
 agcagtaaat aaacatgatc atcacagagg atgcacagga agcatttaat aaattcaaga 120
 ggaattcagc ctcatgaatt atgaaatact gggaaatcat tcatcatgta aaaactggat 180
 ataaaaagaa accttttctg taagagatta gcctcttcaa aaaataaaat aaaaacctac 240
 agccaagcca ataaaataga gcacgtatct cagcagaact gcagacaatt atgctggtat 300
 tactgctatt cattgggtgg tgtgctggag gttgaaatta gtccagtaaa gcaagaaaat 360
 atatatatag gtataaccta acgactaaag tggaaaagta agagtcc 407

<210> 2082
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H99870

<220>
 <221> unsure
 <222> (1)..(456)
 <223> n = a or c or g or t

<400> 2082
 acaaaaccaa aaaacaaaa atattttatt gctgagtcac cctgggggttc cataaaggac 60
 cccaagcctt gcttggagtc tatagctttg ctaggactcc catgacatca ggatagagat 120
 tgaggcacgg ggtccttttg gttccgatta aggaactatc tactctgatt ctgttgatct 180
 tattagtccc tccaggtcac ctctacttca tctgtccgat acctctgtgt aaccccagaa 240
 tcaactgagtg gggtcctgtg tccagcccga aacatctccc agccagcctg ggctatcatc 300
 gctccattgt caatacagaa tctctcatct gtaagcaaaa agccgggctc cacgttctctg 360
 ggacacattg tggccatcat ctctggtaa gcctcacatt acaccccact ctttcacaa 420
 tgaggggcag cattccgatn gggctanac ctcnat 456

<210> 2083
 <211> 452
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99877

<220>

<221> unsure

<222> (1) .. (452)

<223> n = a or c or g or t

<400> 2083

```
cactacgtaa agtttatttt tatatatata tataaaaaaa agtataacac tggagcctaa 60
aaccattctc ttttgtagaa tacatatattg cggtgaaaca gtttaaagaa atgaaatggc 120
tatctacaaa angttagttt tgattgctgt cttcccccac actttgtgtc ttcacacata 180
aagaaaattt tcaaagattt tatattcagc aattttttta aaagtacact gttttccact 240
gctatggctc ttataaagga cttgacttaa aatttcaaata aaaaaagaat taagggttcta 300
ggataactct tgtgtccttt aagagcatct ttatacagaa caatttggac cggcatgcag 360
gcaacttcnt ttgttggttac ataccnggta ttagggaata ttacacccat ttttacagga 420
aatcccnnaa acatatactg gccataagcc cc 452
```

<210> 2084

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99879

<400> 2084

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ctgattacct acaatgggtc attttattac aaagaactgt atcaaaatat acaagtctgt 60
ttaagaacaa ccaagaaatg cagctgttta agggacaaat gagaatcaac cgtagagag 120
caggcagcct cccccgcgc ctgtccactg caggagacgg catcctcagg gccacatttt 180
ccacgggaca tccttctgaa taatttaaag ggtaagtccg gcacattaca ggtcttcgcg 240
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ggcatcttcc gtttcttcga agccgtcaga cacacacaga cgtagctccc tggagtattg 360
tagcagtttt cgtttttcct cacacaggtt ttttctgcta gtgagcactc gtccacatct 420
gcacactgtc cgtgctccct cgc 443
```

<210> 2085

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H99935

<220>

<221> unsure

<222> (1) .. (428)

<223> n = a or c or g or t

<400> 2085

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tcctttttga acaggtccaa tgatttcaga tcttctggaa aaggcttttt gtcatttget 60
tctatttcca caacacttac atcagtgaat ttgccatctg aatacatttg atcttttgaa 120
ttaaaaattg gccttgagg agtgtgaggt gaccactggg caatatgact ctttgaagga 180
tctggaacat taggccagat gtgtttttta attaggtctc gcttattaaa gcagaacagc 240
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tctccttgag caaacttttg ggtaagtaaa agtgaattct tggaccatcc tcccacctt 360
tcactgtgtg atgctgccat tccgtaccat ggtacaatgg tgtcactagt caaagangga 420
caatgtat 428
```

<210> 2086
 <211> 8966
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. J00098

<220>
 <221> unsure
 <222> (1) .. (8966)
 <223> n = a or c or g or t

<400> 2086
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 ccagaggtgt gtccgtatag agccttctcc agcccagccg ctgtcagcgg gcgggacgga 2760
 gcggggcgcc tcaggagacc agccactggg attgggggtt ggtcccgggt gcaagtgaag 2820


```

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```

<210> 2088

<211> 14776

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. J02843

<400> 2088

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<213> Homo sapiens

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<210> 2113

<211> 3414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. J04621

<400> 2113

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<210> 2114

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. J04813

<400> 2114

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<210> 2115

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. J04823

<400> 2115

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<210> 2116

<211> 1393

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. J05037

<400> 2116

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<210> 2117

<211> 2862

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. J05158

<400> 2117

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<210> 2118

<212> DNA

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<223> Genbank Accession No. J05257

<400> 2118

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<211> 2858

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. J05272

<400> 2119

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<213> Homo sapiens

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<223> Genbank Accession No. K03192

<400> 2127

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. L12350

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<223> Genbank Accession No. L13278

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<213> Homo sapiens

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<223> Genbank Accession No. L23808

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<212> DNA

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<220>
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<220>
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<211> 857

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. L38928

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<211> 620

<212> DNA

<213> Homo sapiens

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<211> 1143

<212> DNA

<213> Homo sapiens

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<211> 1811

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> n = a or c or g or t

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<223> Genbank Accession No. M12125

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<213> Homo sapiens

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<213> Homo sapiens

<223> Genbank Accession No. M12529

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M12712

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. M13232

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<211> 1801

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M13690

<400> 2252

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<211> 3321

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M13699

<400> 2253

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<212> DNA
<213> Homo sapiens

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<210> 2256

<211> 2493

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M14058

<400> 2256

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<210> 2257

<211> 1872

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M14091

<400> 2257

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<210> 2258

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M14199

<400> 2258

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<210> 2259

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M14218

<400> 2259

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<211> 3344

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M14338

<400> 2260

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<211> 490

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M14483

<400> 2261

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<212> DNA

<213> Homo sapiens

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<400> 2262

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<210> 2270
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 <212> DNA
 <213> Homo sapiens

<220>
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<210> 2271
 <211> 2381
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M16474

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<211> 929

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M16594

<400> 2272

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929

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<210> 2273
<211> 2297
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. M16750

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<220>
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<222> (1)..(2297)
<223> n = a or c or g or t

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<210> 2274
<211> 1538

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<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. M16961

<400> 2274

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<210> 2275

<211> 6909

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M16967

<400> 2275

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<210> 2276

<211> 1995

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M16973

<400> 2276

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M25753

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<223> Genbank Accession No. M26576

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA
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<220>
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<212> DNA

<213> Homo sapiens

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<210> 2334

<211> 2862

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M32405

<400> 2334

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<210> 2335
 <211> 952
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M32886

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<210> 2336
 <211> 990
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M32977

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agtggtecca ggctgcaccc atggcagaag gaggagggca gaatcatcac gaagtgggtg 180

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agttcatgga tgtctatcag cgcagctact gccatccaat cgagaccctg gtggacatct 240
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<210> 2337
 <211> 1268
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M33197

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<400> 2337
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gacaacagcc tcaagatcat cagcaatgcc tcctgcacca ccaactgctt agcacccttg 540
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<210> 2338
 <211> 1747
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M33317

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